

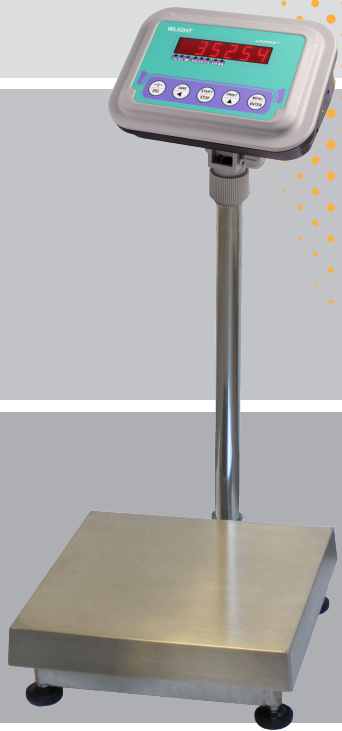
# IDEA SCALES CATALOG No.

4.1

## SCALES AND WEIGHING SYSTEMS



LAUMAS®



# Idea Scales Catalog No. 4.1

**LAUMAS®**



LAUMAS has operated in the INDUSTRIAL WEIGHING AND BATCHING market since 1984, with applications in different industrial sectors

In 2010 LAUMAS launches on the market the new product line with the IDEA SCALES brand entirely dedicated to the scales sector. With the publication of the 4th catalog IDEA SCALES we propose new products that further expand the possibilities of solutions in all sectors of use.

## General foreign sales conditions

### Guarantee

24 months from the delivery document date.

All repairs under warranty are carried out in our laboratories ex-works Montechiarugolo (PR).

The guarantee covers only defected parts and includes the replacement parts and labour.

It is possible to have the repair in guarantee on condition that the returned product has not been transformed, damaged or repaired without authorization.

No guarantee is applicable on returned products without the original label and/or serial number.

No guarantee against misuse.

Batteries: Laumas provides 1 year guarantee from the date of delivery note, against material defects or battery manufacturing faults.

### Electronic instrumentation spare parts

When requesting spare parts, please quote the serial number of the product.

### Insurance

POLICY LIABILITY PRODUCTS stipulated with primary insurance company, coverage up to 5,000,000 € damages to third parties.

### Authorized Returns

No returns will be accepted without our authorization. The returns will be credited with 20% reduction of standard material and 30% reduction of personalized material. All shipping and packing costs paid by the customer. Concerning returned goods with calibrated versions and options (such as calibration, the first periodic verification, certifications) will be credited the amount of item regardless of the calibration, adjustments and the options.

### Documentation

Prices are with 1 copy of documentation included (1 copy per supply), further copies are paid by the customer.

### Customized Documentation

On request, labels and documentation with customer logo.

### Packing

Cardboard boxes and pallets. The prices include packaging.

The weights of the products listed in this brochure are indicative and are exclusive of packaging.

# System and product certifications



All EC-M approved scales are subjected to conformity assessment that Laumas is able to perform on instruments equipped with the "EU type examination" certificate, with the approval of its own PRODUCTION QUALITY ASSURANCE SYSTEM.

Approved scales (Directive 2014/31/EU).

By law, all scales used in the following applications must be approved:

- determination of mass for commercial transactions;
- determination of mass for the calculation of a toll, tariff, tax, bonus, penalty, remuneration, indemnity or similar type of payment;
- determination of mass for the application of laws or regulations; or for expert opinions given in court proceedings;
- determination of mass in the practice of medicine for weighing patients for the purposes of monitoring, diagnosis and treatment;
- determination of mass for making up medicines on prescription in a pharmacy and determination of mass in analyses carried out in medical and pharmaceutical laboratories;
- determination of price on the basis of mass for the purposes of direct sales to the public and the making-up of prepackages;



UKCA CERTIFICATION (UK Conformity Assessed) for the United Kingdom  
The UKCA (UK Conformity Assessed) marking is the equivalent of the UK CE marking.

VERIFICA PERIODICA SCADENZA		
MESE	ANNO	MESE
1	20XX	7
2		8
3		9
4		10
5		11
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EC-M approved scales must then be subjected to a periodical verification, which will ascertain that their metrological reliability - and therefore public confidence - is preserved in time, and also that the integrity of seals - also of an electronic nature - labels or other protection elements required by the laws in force is maintained.



QUALITY MANAGEMENT SYSTEM CERTIFICATION according to UNI EN ISO 9001:2015  
ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATION according to UNI EN ISO 14001 2004  
obtained through TÜV Italia, a body belonging to the large international group TÜV SÜD



D-FORM AND EU TYPE-EXAMINATION FOR NAWI INSTRUMENTS

D FORM: CONFORMITY TO TYPE BASED ON QUALITY ASSURANCE OF THE PRODUCTION PROCESS, issued by a Notified Body and applicable to Non-Automatic Weighing Instruments. LAUMAS carries out said EC-M Conformity/Approval evaluations autonomously on instruments accompanied by a "EU type examination" certificate confirming that the weighing instrument is legal for trade use (Directive 2014/31/EU).



ATEX CERTIFICATION

LAUMAS is able to provide equipment marked ATEX with "EU type examination" certificate for use in potentially explosive atmosphere (Directive 2014/34/EU - ATEX ; zone 0-1-2 gas ; zone 20-21-22 dust).



IECEx CERTIFICATION

LAUMAS is able to provide equipment marked IECEx with "IECEx CoC" Certificate for use in potentially explosive atmospheres (Standards: IEC 60079-0, 60079-11, 60079-31, 60079-15; zone 0-1-2 gas ; zone 20-21-22 dust).



EAC CERTIFICATION

The certificate indicates the product's compliance with Russian regulations and its suitability for export to the countries of the Eurasian Customs Union (Russia, Belarus, Armenia, Kyrgyzstan and Kazakhstan). The EAC mark replaces the GOST mark.



EAC EX CERTIFICATION

LAUMAS is able to provide equipment marked EAC Ex with Certificate of Conformity for use in potentially explosive atmosphere in the Eurasian Customs Union (Russia, Belarus, Armenia, Kyrgyzstan and Kazakhstan). TR CU 012 Standards; zone 0-1-2 gas; zone 20-21-22 dust.



NTEP CERTIFICATION

This Certificate indicates that the product meets applicable technical requirements of Handbook 44 published by the National Institute of Standards and Technology (NIST) for the National Conference on Weights and Measures (NCWM). This Certificate indicates that the device meets applicable requirements for commercial weighing and measuring equipment in the U.S. and Canada (for legal for trade use).



OIML APPROVAL

This Certificate indicates that the product meets recommendations defined by International Organization of Legal Metrology (OIML).

OIML R51: Check weighers.

OIML R60: Metrological regulation for load cells.

OIML R61: Automatic gravimetric filling instruments.

OIML R76: Metrological and technical requirements for non-automatic weighing instruments.



"UL RECOGNIZED COMPONENT" CERTIFICATION

This Certificate indicates that the component, intended for use in a complete product or system, meets UL requirements in accordance with the U.S. and Canadian standards.



NMI CERTIFICATION for Australia

This Certificate indicates that the product complies with the Australian standards for legal use with third parties. Regulation 60 of the National Measurement Regulations 1999, with reference to NMI R 76 standard (Non-automatic weighing instruments).



"New Zealand Certificate of Approval" CERTIFICATION

This certificate indicates that the product complies with the Weights and Measures Regulations 1999 for legal for trade use.



EU TYPE EXAMINATION CERTIFICATE FOR UK Non-Automatic Weighing Instruments (NAWI)

The certificate indicates that the product complies with the "Non-Automatic Weighing Instruments Regulations 2016" for legal for trade use.



PAC CERTIFICATION (Pattern Approval Certificate)

This certificate "Pattern Approval Certificate" certifies that the product complies with the legal metrology regulations of the Russian Federation for weighing instruments for legal for trade use.



CPA CERTIFICATION (Chinese Pattern Approval)

This certificate indicates that the product complies with the weights and measures regulations of the People's Republic of China for legal for trade use.

# Content index

## Single cell platform scales

<b>ISC</b>	pp.	8
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Capacity: 6 kg / 15 kg / 30 kg / 60 kg / 150 kg / 300 kg / 600 kg  
 ACN Platform: 300x300 mm / 400x400 mm / 600x600 mm / 800x800 mm  
 Weight indicator: WLIGHT / WDESKL  
 Available versions: C3 Approved / C3-Multirange

<b>ISM</b>	pp.	11
		12



Capacity: 75 kg / 150 kg / 300 kg  
 MN Platform: 460x600 mm  
 Weight indicator: WLIGHT / WDESKL  
 Available versions: C3 Approved / C3-Multirange

<b>ISI</b> <i>Stainless steel</i>	pp.	13
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Capacity: 6 kg / 15 kg / 30 kg / 60 kg / 150 kg / 300 kg / 600 kg  
 AIN Platform: 300x300 mm / 400x400 mm / 600x600 mm / 800x800 mm  
 Weight indicator: WLIGHT / WINOXR  
 Available versions: C3 Approved / C3-Multirange

<b>ISIL</b> <i>IP68/IP69K stainless steel</i>	pp.	16
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Capacity: 30 kg / 60 kg / 150 kg / 300 kg  
 ALLN Platform: 400x400 mm / 600x600 mm  
 Weight indicator: WINOXR  
 Available versions: C3 Approved / C3-Multirange

## Single cell platform approved scales for statistical checking of prepackages

<b>ISC-G</b>	pp.	18
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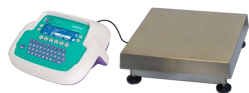
Capacity: 6 kg / 15 kg / 30 kg / 60 kg / 150 kg  
 ACN Platform: 300x300 mm / 400x400 mm / 600x600 mm  
 Weight indicator: WTABG  
 C3-Multirange approved versions

<b>ISM-G</b>	pp.	18
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Capacity: 60 kg / 150 kg  
 MN Platform: 460x600 mm  
 Weight indicator: WTABG  
 C3-Multirange approved versions

<b>ISI-G</b> <i>Stainless steel</i>	pp.	18
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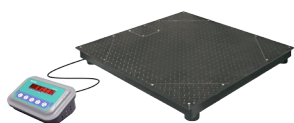
Capacity: 6 kg / 15 kg / 30 kg / 60 kg / 150 kg  
 AIN Platform: 300x300 mm / 400x400 mm / 600x600 mm  
 Weight indicator: WTABG  
 C3-Multirange approved versions

Options on request for single cell platform scales

# Content index

## 4 cells platform scales

**ISP** pp. 21  
22  
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Capacity: 1500 kg / 3000 kg  
P Platform: 1250x1250 mm / 1200x1500 mm / 1500x1500 mm  
Weight indicator: WLIGHT / WDESKL  
Available versions: C3 Approved / C3-Multirange / C5-Multirange

**ISPI** pp. 24  
*IP68/IP69K*  
*stainless steel* 25



Capacity: 1500 kg / 3000 kg  
P-INOXN Platform: 1250x1250 mm / 1500x1500 mm  
Weight indicator: WLIGHT / WINOXR  
Available versions: C3 Approved / C3-Multirange

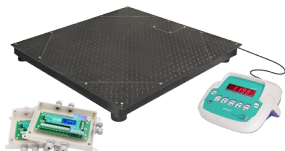
**ISPM** pp. 26  
*aluminum* 27



Capacity: 1000 kg  
PM Platform: 1200x1600 mm  
Weight indicator: WLIGHT / WDESKL / WINOXR  
Available versions: C3 Approved / C3-Multirange

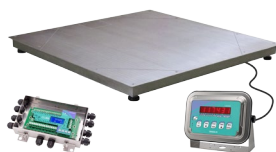
## 4 cells platform scales for diagnostic

**ISP-H** pp. 28  
29



Capacity: 1500 kg / 3000 kg  
P Platform: 1250x1250 mm / 1200x1500 mm / 1500x1500 mm  
Weight indicator: WTABR  
Intelligent junction box: CLM8ABS  
Available versions: C3 Approved / C3-Multirange / C5-Multirange

**ISPI-HE** pp. 28  
*IP68/IP69K*  
*stainless steel* 29



Capacity: 1500 kg / 3000 kg  
P-INOXN Platform: 1250x1250 mm / 1500x1500 mm  
Weight indicator: WINOXR  
Intelligent junction box: CLM8INOX  
Available versions: C3 Approved / C3-Multirange

## 4 cells platform scales with liftable loading top

**ISPO** pp. 30  
*IP68/IP69K*  
*stainless steel* 31



Capacity: 600 kg / 1500 kg / 3000 kg  
PO Platform: 800x800 mm / 1000x1000 mm / 1250x1250 mm / 1500x1500 mm  
Weight indicator: WINOXR  
Available versions: C3 Approved / C3-Multirange

## Counting scale with remote platform

**ISBIL2B** pp. 32  
33  
34



Capacity: 6 kg / 15 kg / 30 kg / 60 kg / 150 kg / 300 kg / 600 kg  
1500 kg / 3000 kg  
Single cell remote platform: ACN / AIN / MN  
4 cells remote platform: P / P-INOXN  
Scale: BIL2B

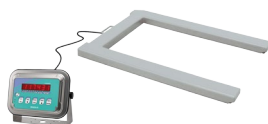
## 4 cells pallet-weighing scales

**ISPX** pp. 35  
36



Capacity: 3000 kg  
PX Pallet-weighing: 1250x840 mm H 95 mm  
Weight indicator: WLIGHT / WDESKL  
Available versions: C3 Approved / C3-Multirange

**ISPXI** pp. 35  
*IP68/IP69K*  
*stainless steel* 37



Capacity: 3000 kg  
PXI Pallet-weighing: 1250x840 mm H 95 mm  
Weight indicator: WLIGHT / WINOXR  
Available versions: C3 Approved / C3-Multirange

## Options on request for 4 cells platform scales

p. 38

# Content index

## Pallet truck scale

**TP** p. 39



Capacity: 2500 kg  
 Load plan: 1155x560 mm H 85 ÷ 205 mm  
 Integrated weight indicator: WDESKL  
 Available C3-Multirange approved version

## Digital crane scales

**DTA** p. 40



Capacity: 600 kg / 1500 kg / 3000 kg / 6000 kg / 12000 kg  
 C3 approved version

**DTEP** p. 41



Capacity: 50 kg / 150 kg / 300 kg

**DTER** p. 41



Capacity: 3000 kg / 5000 kg

**DTEN** p. 42



Capacity: 500 kg / 1000 kg / 3000 kg / 5000 kg / 10000 kg / 20000 kg

**DTE** p. 42



Capacity: 30000 kg

**DTEZ** p. 43



Capacity: 3000 kg / 5000 kg / 10000 kg / 20000 kg / 30000 kg

## Bench counting scales

**LACSN** p. 44



Capacity: 6 kg / 15 kg / 30 kg  
 Weighing plate: 230x335 mm

**BIL** p. 45



Capacity: 6 kg / 15 kg / 30 kg  
 Weighing plate: 225x295 mm  
 Available C3-Multirange approved version

**BIL2B** p. 46



Capacity: 6 kg / 15 kg / 30 kg  
 Weighing plate: 225x295 mm  
 Connection to remote platform for counting large quantities:  
 - capacity: 6 kg / 15 kg / 30 kg / 60 kg / 150 kg / 300 kg / 600 kg / 1500 kg / 3000 kg  
 - single cell platform: ACN / AIN / MN  
 - 4 cells platform: P / P-INOXN

# Content index

## Precision pocket scales

**LBIL** p. 47



Capacity: 0.5 kg / 3 kg  
Weighing plate: 60x60 mm / 84x68 mm

## Sample weights

**PC** p. 47



Nominal value: 5 kg / 10 kg / 20 kg  
Composition: Painted cast iron  
M1 accuracy class according to OIML R111-1

## Weight indicators

**WLIGHT** p. 48



Weight indicator  
ABS

**WTABR** p. 50



Weight indicator  
Integrated printer  
Optional fieldbuses  
ABS

**WDESKL** p. 49



Weight indicator  
Optional field buses  
IP67 ABS

**WTABG** p. 50



Weight indicator  
Integrated printer  
Graphic LCD display  
Optional fieldbuses  
ABS

**WINOXR** p. 49



Weight indicator  
Optional field buses  
IP68/IP69K stainless steel

## Multi-channel weight transmitters

**TLB4** p. 51



4 independent channels

**TLM8** p. 51



8 independent channels  
Graphic LCD display

**CLM8INOX** p. 51



Intelligent junction box  
8 independent channels  
Inclinometer function  
IP67 stainless steel

**CLM8ABS** p. 51



Intelligent junction box  
8 independent channels  
Inclinometer function  
IP67 ABS

# Single cell platform scales

## ISC

CE-M approved versions: 2014/31/EU, EN 45501, OIML R76 class III, legal for trade use with CE marking and conformity assessment (Initial verification).

CAPACITY: **6 kg / 15 kg / 30 kg / 60 kg / 150 kg / 300 kg / 600 kg**

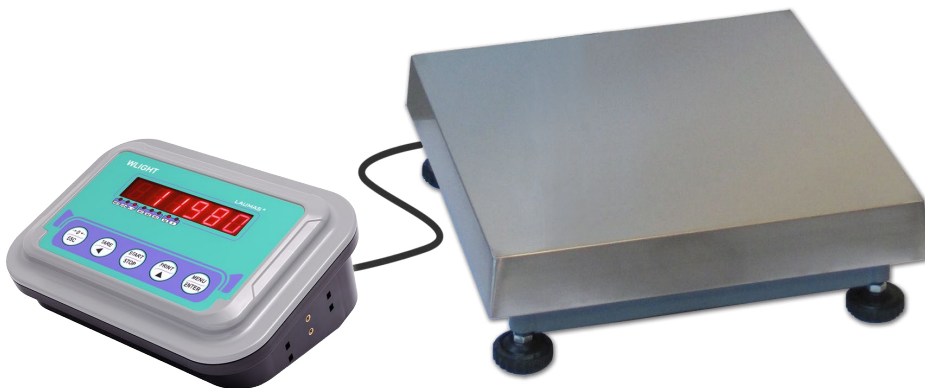
PLATFORM: **300x300 mm / 400x400 mm / 600x600 mm / 800x800 mm**

- Painted steel tubular structure.
- AISI 304 stainless steel laid loading top.
- IP65 aluminum alloy load cell.
- Galvanized steel and polyamid feet.

WEIGHT INDICATOR: **WLIGHT / WDESKL**

- Freestanding weight indicator or mounting on stainless steel column.

On request version for hazardous areas IECEx / ATEX.

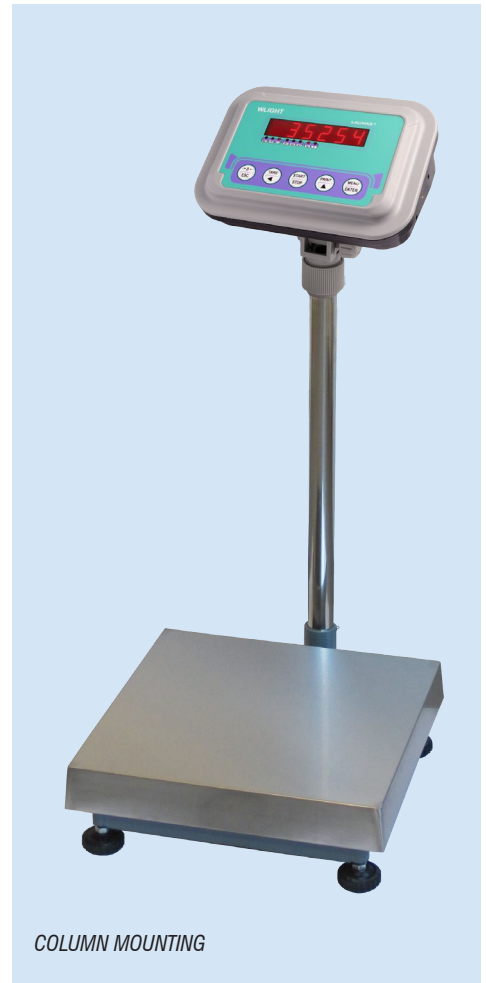


WLIGHT

ACN



WDESKL



COLUMN MOUNTING

• Optional fieldbuses:

MODBUS RTU  
MODBUS/TCP

CANopen

ETHERNET  
TCP/IP

PROFIBUS

PROFINET

EtherNet/IP

DeviceNet



## ISC / WLIGHT



				FREE STANDING		COLUMN MOUNTING		
CAPACITY		DIVISION		PLATFORM	ITEM	NET	ITEM	NET
Max <sup>1</sup>	Max <sup>2</sup>	e <sup>1</sup>	e <sup>2</sup>	L x W mm	CODE	WEIGHT	CODE	WEIGHT
<b>FOR INTERNAL USE</b>								
6 kg		0.2 g		300x300 mm	ISC6F0A	7.2 kg	ISC6F0B	8.3 kg
15 kg		0.5 g		300x300 mm	ISC15F0A	7.2 kg	ISC15F0B	8.3 kg
30 kg		1 g		300x300 mm	ISC30F0A	7.2 kg	ISC30F0B	8.3 kg
60 kg		2 g		400x400 mm	ISC60F0A	9.7 kg	ISC60F0B	10.8 kg
150 kg		5 g		400x400 mm	ISC120F0A	9.7 kg	ISC120F0B	10.8 kg
150 kg		5 g		600x600 mm	ISC150F0A	24.9 kg	ISC150F0B	26 kg
300 kg		10 g		600x600 mm	ISC300F0A	24.9 kg	ISC300F0B	26 kg
600 kg		20 g		800x800 mm	ISC600F0A	52.9 kg	ISC600F0B	54 kg
<b>C3 APPROVED - 3000 divisions</b>								
6 kg		2 g		300x300 mm	ISC6F1A	7.2 kg	ISC6F1B	8.3 kg
15 kg		5 g		300x300 mm	ISC15F1A	7.2 kg	ISC15F1B	8.3 kg
30 kg		10 g		300x300 mm	ISC30F1A	7.2 kg	ISC30F1B	8.3 kg
60 kg		20 g		400x400 mm	ISC60F1A	9.7 kg	ISC60F1B	10.8 kg
150 kg		50 g		400x400 mm	ISC120F1A	9.7 kg	ISC120F1B	10.8 kg
150 kg		50 g		600x600 mm	ISC150F1A	24.9 kg	ISC150F1B	26 kg
300 kg		100 g		600x600 mm	ISC300F1A	24.9 kg	ISC300F1B	26 kg
600 kg		200 g		800x800 mm	ISC600F1A	52.9 kg	ISC600F1B	54 kg
<b>C3 APPROVED - 3000 divisions - MULTIRANGE</b>								
3 kg	6 kg	1 g	2 g	300x300 mm	ISC6F2A	7.2 kg	ISC6F2B	8.3 kg
6 kg	15 kg	2 g	5 g	300x300 mm	ISC15F2A	7.2 kg	ISC15F2B	8.3 kg
15 kg	30 kg	5 g	10 g	300x300 mm	ISC30F2A	7.2 kg	ISC30F2B	8.3 kg
30 kg	60 kg	10 g	20 g	400x400 mm	ISC60F2A	9.7 kg	ISC60F2B	10.8 kg
60 kg	150 kg	20 g	50 g	400x400 mm	ISC120F2A	9.7 kg	ISC120F2B	10.8 kg
60 kg	150 kg	20 g	50 g	600x600 mm	ISC150F2A	24.9 kg	ISC150F2B	26 kg
150 kg	300 kg	50 g	100 g	600x600 mm	ISC300F2A	24.9 kg	ISC300F2B	26 kg

## ISC / WDESKL



				FREE STANDING		COLUMN MOUNTING		
CAPACITY		DIVISION		PLATFORM	ITEM	NET	ITEM	NET
Max <sup>1</sup>	Max <sup>2</sup>	e <sup>1</sup>	e <sup>2</sup>	L x W mm	CODE	WEIGHT	CODE	WEIGHT
<b>FOR INTERNAL USE</b>								
6 kg		0.2 g		300x300 mm	ISC6D0A	7.2 kg	ISC6D0B	8.3 kg
15 kg		0.5 g		300x300 mm	ISC15D0A	7.2 kg	ISC15D0B	8.3 kg
30 kg		1 g		300x300 mm	ISC30D0A	7.2 kg	ISC30D0B	8.3 kg
60 kg		2 g		400x400 mm	ISC60D0A	9.7 kg	ISC60D0B	10.8 kg
150 kg		5 g		400x400 mm	ISC120D0A	9.7 kg	ISC120D0B	10.8 kg
150 kg		5 g		600x600 mm	ISC150D0A	24.9 kg	ISC150D0B	26 kg
300 kg		10 g		600x600 mm	ISC300D0A	24.9 kg	ISC300D0B	26 kg
600 kg		20 g		800x800 mm	ISC600D0A	52.9 kg	ISC600D0B	54 kg
<b>C3 APPROVED - 3000 divisions</b>								
6 kg		2 g		300x300 mm	ISC6D1A	7.2 kg	ISC6D1B	8.3 kg
15 kg		5 g		300x300 mm	ISC15D1A	7.2 kg	ISC15D1B	8.3 kg
30 kg		10 g		300x300 mm	ISC30D1A	7.2 kg	ISC30D1B	8.3 kg
60 kg		20 g		400x400 mm	ISC60D1A	9.7 kg	ISC60D1B	10.8 kg
150 kg		50 g		400x400 mm	ISC120D1A	9.7 kg	ISC120D1B	10.8 kg
150 kg		50 g		600x600 mm	ISC150D1A	24.9 kg	ISC150D1B	26 kg
300 kg		100 g		600x600 mm	ISC300D1A	24.9 kg	ISC300D1B	26 kg
600 kg		200 g		800x800 mm	ISC600D1A	52.9 kg	ISC600D1B	54 kg
<b>C3 APPROVED - 3000 divisions - MULTIRANGE</b>								
3 kg	6 kg	1 g	2 g	300x300 mm	ISC6D2A	7.2 kg	ISC6D2B	8.3 kg
6 kg	15 kg	2 g	5 g	300x300 mm	ISC15D2A	7.2 kg	ISC15D2B	8.3 kg
15 kg	30 kg	5 g	10 g	300x300 mm	ISC30D2A	7.2 kg	ISC30D2B	8.3 kg
30 kg	60 kg	10 g	20 g	400x400 mm	ISC60D2A	9.7 kg	ISC60D2B	10.8 kg
60 kg	150 kg	20 g	50 g	400x400 mm	ISC120D2A	9.7 kg	ISC120D2B	10.8 kg
60 kg	150 kg	20 g	50 g	600x600 mm	ISC150D2A	24.9 kg	ISC150D2B	26 kg
150 kg	300 kg	50 g	100 g	600x600 mm	ISC300D2A	24.9 kg	ISC300D2B	26 kg

● Please refer to the weight indicator data sheet for optional Fieldbuses.

# Single cell platform scales

## ISM

CE-M approved versions: 2014/31/EU, EN 45501, OIML R76 class III, legal for trade use with CE marking and conformity assessment (Initial verification).

CAPACITY: **75 kg / 150 kg / 300 kg**

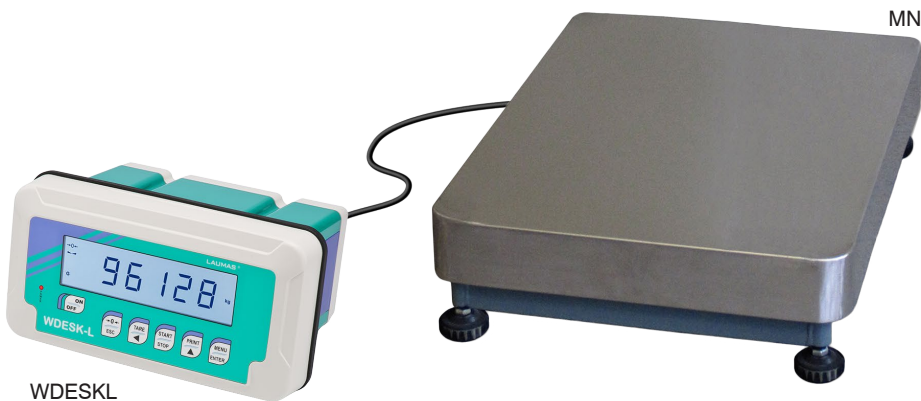
PLATFORM: **460x600 mm**

- Painted steel tubular structure.
- AISI 304 stainless steel laid loading top.
- IP65 aluminum alloy load cell.
- Galvanized steel and polyamid feet.

WEIGHT INDICATOR: **WLIGHT / WDESKL**

- Freestanding weight indicator or mounting on stainless steel column.

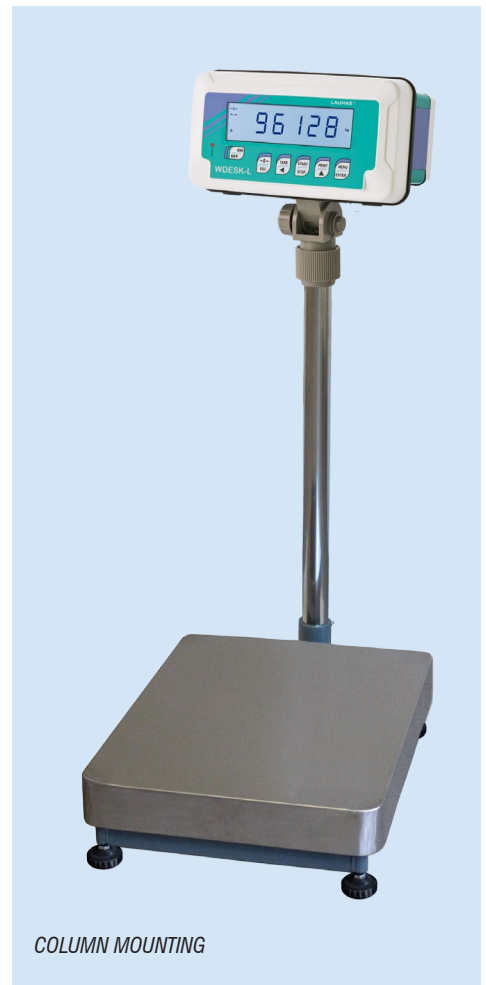
On request version for hazardous areas IECEx / ATEX.



WDESKL



WLIGHT



COLUMN MOUNTING

• Optional fieldbuses:

MODBUS RTU  
MODBUS/TCP

CANopen

ETHERNET  
TCP/IP

PROFI  
BUS

PROFI  
NET

EtherNet/IP

DeviceNet

## ISM / WLIGHT



CAPACITY				DIVISION		PLATFORM	FREE STANDING		COLUMN MOUNTING	
Max <sup>1</sup>	Max <sup>2</sup>	e <sup>1</sup>	e <sup>2</sup>	L x W mm	ITEM CODE	NET WEIGHT	ITEM CODE	NET WEIGHT		
<b>FOR INTERNAL USE</b>										
75 kg		2 g		460x600 mm	ISM75F0A	22.9 kg	ISM75F0B	24 kg		
150 kg		5 g		460x600 mm	ISM150F0A	22.9 kg	ISM150F0B	24 kg		
300 kg		10 g		460x600 mm	ISM300F0A	22.9 kg	ISM300F0B	24 kg		
<b>C3 APPROVED - 3000 divisions</b>										
60 kg		20 g		460x600 mm	ISM60F1A	22.9 kg	ISM60F1B	24 kg		
150 kg		50 g		460x600 mm	ISM150F1A	22.9 kg	ISM150F1B	24 kg		
300 kg		100 g		460x600 mm	ISM300F1A	22.9 kg	ISM300F1B	24 kg		
<b>C3 APPROVED - 3000 divisions - MULTIRANGE</b>										
30 kg	60 kg	10 g	20 g	460x600 mm	ISM60F2A	22.9 kg	ISM60F2B	24 kg		
60 kg	150 kg	20 g	50 g	460x600 mm	ISM150F2A	22.9 kg	ISM150F2B	24 kg		
150 kg	300 kg	50 g	100 g	460x600 mm	ISM300F2A	22.9 kg	ISM300F2B	24 kg		

## ISM / WDESKL



CAPACITY				DIVISION		PLATFORM	FREE STANDING		COLUMN MOUNTING	
Max <sup>1</sup>	Max <sup>2</sup>	e <sup>1</sup>	e <sup>2</sup>	L x W mm	ITEM CODE	NET WEIGHT	ITEM CODE	NET WEIGHT		
<b>FOR INTERNAL USE</b>										
75 kg		2 g		460x600 mm	ISM75D0A	22.9 kg	ISM75D0B	24 kg		
150 kg		5 g		460x600 mm	ISM150D0A	22.9 kg	ISM150D0B	24 kg		
300 kg		10 g		460x600 mm	ISM300D0A	22.9 kg	ISM300D0B	24 kg		
<b>C3 APPROVED - 3000 divisions</b>										
60 kg		20 g		460x600 mm	ISM60D1A	22.9 kg	ISM60D1B	24 kg		
150 kg		50 g		460x600 mm	ISM150D1A	22.9 kg	ISM150D1B	24 kg		
300 kg		100 g		460x600 mm	ISM300D1A	22.9 kg	ISM300D1B	24 kg		
<b>C3 APPROVED - 3000 divisions - MULTIRANGE</b>										
30 kg	60 kg	10 g	20 g	460x600 mm	ISM60D2A	22.9 kg	ISM60D2B	24 kg		
60 kg	150 kg	20 g	50 g	460x600 mm	ISM150D2A	22.9 kg	ISM150D2B	24 kg		
150 kg	300 kg	50 g	100 g	460x600 mm	ISM300D2A	22.9 kg	ISM300D2B	24 kg		

● Please refer to the weight indicator data sheet for optional Fieldbuses.

# Stainless steel single cell platform scales

## ISI

CE-M approved versions: 2014/31/EU, EN 45501, OIML R76 class III, legal for trade use with CE marking and conformity assessment (Initial verification).

CAPACITY: **6 kg / 15 kg / 30 kg / 60 kg / 150 kg / 300 kg / 600 kg**

PLATFORM: **300x300 mm / 400x400 mm / 600x600 mm / 800x800 mm**

- AISI 304 stainless steel tubular structure.
- AISI 304 stainless steel laid loading top.
- IP65 aluminum alloy load cell.
- Stainless steel and polyamid feet.
- Load cell protection kit included for 60 kg / 150 kg / 300 kg capacities.

WEIGHT INDICATOR: **WLIGHT / WINOXR**

- Freestanding weight indicator or mounting on stainless steel column.

On request version for hazardous areas IECEx / ATEX.



WINOXR - IP68\*



WLIGHT



IP68 LOAD CELL PROTECTION KIT  
included for AIN platforms:  
60 kg / 150 kg / 300 kg capacities



COLUMN MOUNTING

• Optional fieldbuses:

MODBUS RTU  
MODBUS/TCP

CANopen

ETHERNET  
TCP/IP

PROFIBUS

PROFINET

EtherNet/IP

DeviceNet

\*) On request IP69K

## ISI / WLIGHT



CAPACITY		DIVISION		PLATFORM	FREE STANDING		COLUMN MOUNTING	
Max <sup>1</sup>	Max <sup>2</sup>	e <sup>1</sup>	e <sup>2</sup>	L x W mm	ITEM CODE	NET WEIGHT	ITEM CODE	NET WEIGHT
<b>FOR INTERNAL USE</b>								
6 kg		0.2 g		300x300 mm	ISI6F0A	6.5 kg	ISI6F0C	7.6 kg
15 kg		0.5 g		300x300 mm	ISI15F0A	6.5 kg	ISI15F0C	7.6 kg
30 kg		1 g		300x300 mm	ISI30F0A	6.5 kg	ISI30F0C	7.6 kg
60 kg		2 g		400x400 mm	ISI60F0A	9.4 kg	ISI60F0C	10.5 kg
150 kg		5 g		400x400 mm	ISI120F0A	9.4 kg	ISI120F0C	10.5 kg
150 kg		5 g		600x600 mm	ISI150F0A	23.5 kg	ISI150F0C	24.6 kg
300 kg		10 g		600x600 mm	ISI300F0A	23.5 kg	ISI300F0C	24.6 kg
600 kg		20 g		800x800 mm	ISI600F0A	48.4 kg	ISI600F0C	49.5 kg

### C3 APPROVED - 3000 divisions

6 kg		2 g		300x300 mm	ISI6F1A	6.5 kg	ISI6F1C	7.6 kg
15 kg		5 g		300x300 mm	ISI15F1A	6.5 kg	ISI15F1C	7.6 kg
30 kg		10 g		300x300 mm	ISI30F1A	6.5 kg	ISI30F1C	7.6 kg
60 kg		20 g		400x400 mm	ISI60F1A	9.4 kg	ISI60F1C	10.5 kg
150 kg		50 g		400x400 mm	ISI120F1A	9.4 kg	ISI120F1C	10.5 kg
150 kg		50 g		600x600 mm	ISI150F1A	23.5 kg	ISI150F1C	24.6 kg
300 kg		100 g		600x600 mm	ISI300F1A	23.5 kg	ISI300F1C	24.6 kg
600 kg		200 g		800x800 mm	ISI600F1A	48.4 kg	ISI600F1C	49.5 kg

### C3 APPROVED - 3000 divisions - MULTIRANGE

3 kg	6 kg	1 g	2 g	300x300 mm	ISI6F2A	6.5 kg	ISI6F2C	7.6 kg
6 kg	15 kg	2 g	5 g	300x300 mm	ISI15F2A	6.5 kg	ISI15F2C	7.6 kg
15 kg	30 kg	5 g	10 g	300x300 mm	ISI30F2A	6.5 kg	ISI30F2C	7.6 kg
30 kg	60 kg	10 g	20 g	400x400 mm	ISI60F2A	9.4 kg	ISI60F2C	10.5 kg
60 kg	150 kg	20 g	50 g	400x400 mm	ISI120F2A	9.4 kg	ISI120F2C	10.5 kg
60 kg	150 kg	20 g	50 g	600x600 mm	ISI150F2A	23.5 kg	ISI150F2C	24.6 kg
150 kg	300 kg	50 g	100 g	600x600 mm	ISI300F2A	23.5 kg	ISI300F2C	24.6 kg



IP68 LOAD CELL  
PROTECTION KIT  
included for AIN platforms:  
60 kg / 150 kg / 300 kg  
capacities

# Stainless steel single cell platform scales

**ISI / WINOXR** IP68\*



CAPACITY		DIVISION		PLATFORM	FREE STANDING		COLUMN MOUNTING	
Max <sup>1</sup>	Max <sup>2</sup>	e <sup>1</sup>	e <sup>2</sup>	L x W mm	ITEM CODE	NET WEIGHT	ITEM CODE	NET WEIGHT
<b>FOR INTERNAL USE</b>								
6 kg		0.2 g		300x300 mm	ISI6E0A	7.1 kg	ISI6E0C	8.2 kg
15 kg		0.5 g		300x300 mm	ISI15E0A	7.1 kg	ISI15E0C	8.2 kg
30 kg		1 g		300x300 mm	ISI30E0A	7.1 kg	ISI30E0C	8.2 kg
60 kg		2 g		400x400 mm	ISI60E0A	10 kg	ISI60E0C	11.1 kg
150 kg		5 g		400x400 mm	ISI120E0A	10 kg	ISI120E0C	11.1 kg
150 kg		5 g		600x600 mm	ISI150E0A	24.1 kg	ISI150E0C	25.2 kg
300 kg		10 g		600x600 mm	ISI300E0A	24.1 kg	ISI300E0C	25.2 kg
600 kg		20 g		800x800 mm	ISI600E0A	49 kg	ISI600E0C	50.1 kg

## C3 APPROVED - 3000 divisions

6 kg		2 g		300x300 mm	ISI6E1A	7.1 kg	ISI6E1C	8.2 kg
15 kg		5 g		300x300 mm	ISI15E1A	7.1 kg	ISI15E1C	8.2 kg
30 kg		10 g		300x300 mm	ISI30E1A	7.1 kg	ISI30E1C	8.2 kg
60 kg		20 g		400x400 mm	ISI60E1A	10 kg	ISI60E1C	11.1 kg
150 kg		50 g		400x400 mm	ISI120E1A	10 kg	ISI120E1C	11.1 kg
150 kg		50 g		600x600 mm	ISI150E1A	24.1 kg	ISI150E1C	25.2 kg
300 kg		100 g		600x600 mm	ISI300E1A	24.1 kg	ISI300E1C	25.2 kg
600 kg		200 g		800x800 mm	ISI600E1A	49 kg	ISI600E1C	50.1 kg

## C3 APPROVED - 3000 divisions - MULTIRANGE

3 kg	6 kg	1 g	2 g	300x300 mm	ISI6E2A	7.1 kg	ISI6E2C	8.2 kg
6 kg	15 kg	2 g	5 g	300x300 mm	ISI15E2A	7.1 kg	ISI15E2C	8.2 kg
15 kg	30 kg	5 g	10 g	300x300 mm	ISI30E2A	7.1 kg	ISI30E2C	8.2 kg
30 kg	60 kg	10 g	20 g	400x400 mm	ISI60E2A	10 kg	ISI60E2C	11.1 kg
60 kg	150 kg	20 g	50 g	400x400 mm	ISI120E2A	10 kg	ISI120E2C	11.1 kg
60 kg	150 kg	20 g	50 g	600x600 mm	ISI150E2A	24.1 kg	ISI150E2C	25.2 kg
150 kg	300 kg	50 g	100 g	600x600 mm	ISI300E2A	24.1 kg	ISI300E2C	25.2 kg

● Please refer to the weight indicator data sheet for optional Fieldbuses.



IP68 LOAD CELL  
PROTECTION KIT  
included for AIN platforms:  
60 kg / 150 kg / 300 kg  
capacities

\*) On request IP69K

# IP68\* stainless steel single cell platform scales

## ISIL

CE-M approved versions: 2014/31/EU, EN 45501, OIML R76 class III, legal for trade use with CE marking and conformity assessment (Initial verification).

CAPACITY: **30 kg / 60 kg / 150 kg / 300 kg**

PLATFORM: **400x400 mm / 600x600 mm**

- AISI 304 stainless steel tubular structure.
- AISI 304 stainless steel laid loading top.
- IP68\* welded stainless steel load cell.
- Stainless steel and polyamid feet.

WEIGHT INDICATOR: **WINOXR**

- Freestanding weight indicator or mounting on stainless steel column.

On request version for hazardous areas IECEx / ATEX.



● Optional fieldbuses:

**MODBUS RTU**  
**MODBUS/TCP**

**CANopen**

**ETHERNET**  
TCP/IP

**PROFI**  
**NET**

**PROFI**  
**NET**

**EtherNet/IP**

**DeviceNet**

\*) On request IP69K



# IP68\* stainless steel single cell platform scales

## ISIL / WINOXR IP68\*



CAPACITY				DIVISION		PLATFORM	FREE STANDING		COLUMN MOUNTING	
Max <sup>1</sup>	Max <sup>2</sup>	e <sup>1</sup>	e <sup>2</sup>	L x W mm	ITEM CODE	NET WEIGHT	ITEM CODE	NET WEIGHT		
<b>FOR INTERNAL USE</b>										
30 kg		1 g		400x400 mm	ISIL30E0A	11 kg	ISIL30E0C	12.1 kg		
60 kg		2 g		400x400 mm	ISIL60E0A	14 kg	ISIL60E0C	15.1 kg		
150 kg		5 g		400x400 mm	ISIL150E0A	14 kg	ISIL150E0C	15.1 kg		
200 kg		5 g		600x600 mm	ISIL200E0A	25 kg	ISIL200E0C	26.1 kg		
300 kg		10 g		600x600 mm	ISIL300E0A	26 kg	ISIL300E0C	27.1 kg		
<b>C3 APPROVED - 3000 division</b>										
30 kg		10 g		400x400 mm	ISIL30E1A	11 kg	ISIL30E1C	12.1 kg		
60 kg		20 g		400x400 mm	ISIL60E1A	14 kg	ISIL60E1C	15.1 kg		
150 kg		50 g		400x400 mm	ISIL150E1A	14 kg	ISIL150E1C	15.1 kg		
150 kg		50 g		600x600 mm	ISIL200E1A	25 kg	ISIL200E1C	26.1 kg		
300 kg		100 g		600x600 mm	ISIL300E1A	26 kg	ISIL300E1C	27.1 kg		
<b>C3 APPROVED - 3000 division - MULTIRANGE</b>										
15 kg	30 kg	5 g	10 g	400x400 mm	ISIL30E2A	11 kg	ISIL30E2C	12.1 kg		
30 kg	60 kg	10 g	20 g	400x400 mm	ISIL60E2A	14 kg	ISIL60E2C	15.1 kg		
60 kg	150 kg	20 g	50 g	400x400 mm	ISIL150E2A	14 kg	ISIL150E2C	15.1 kg		
60 kg	150 kg	20 g	50 g	600x600 mm	ISIL200E2A	25 kg	ISIL200E2C	26.1 kg		
150 kg	300 kg	50 g	100 g	600x600 mm	ISIL300E2A	26 kg	ISIL300E2C	27.1 kg		

● Please refer to the weight indicator data sheet for optional Fieldbuses.

\*) On request IP69K

# Single cell platform approved scales for statistical checking of prepackages

This statistical checking of prepackages function can be used in accordance with Act no.690 dated 25/10/78 and DPR (Italian Presidential Decree) no.391 dated 26/05/80; check with local supervisory authorities if it is also applicable in your Country.

CE-M Certificate: 2014/31/EU, EN 45501, OIML R76 class III, legal for trade use with CE marking and conformity assessment (Initial verification).

These scales allow immediate, simple and reliable verification of the weight of the prepackaged products: during the control procedure, the weight indicator will check both the actual weight of individual samples, and the lot statistics according to the calculated average value.

CAPACITY: 6 kg / 15 kg / 30 kg / 60 kg / 150 kg

PLATFORM: ACN: 300x300 mm / 400x400 mm / 600x600 mm MN: 460x600 mm  
Painted frame and AISI 304 stainless steel loading plate.

AIN: 300x300 mm / 400x400 mm / 600x600 mm  
AISI 304 stainless steel frame and loading plate.

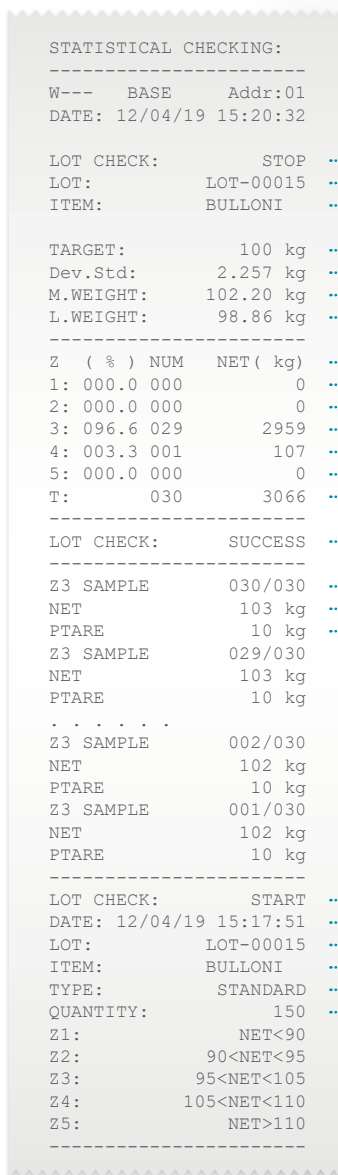
WEIGHT INDICATOR: WTABG  
LCD graphic display and integrated thermal printer.



WTABG



THERMAL PRINTER



- ..... Lot check status
- ..... Name of checked lot
- ..... Name of checked item
- ..... Product nominal net weight
- ..... Standard deviation
- ..... Average weight of checked samples
- ..... Minimum acceptable average weight
- ..... Summary of samples in tolerance zones
- ..... ZONE 1
- ..... ZONE 2
- ..... ZONE 3
- ..... ZONE 4
- ..... ZONE 5
- ..... Total checked samples
- ..... Statistical check outcome
- ..... Tolerance zone and sample number
- ..... Sample net weight
- ..... Preset tare associated with item
- ..... Lot check status
- ..... Lot check start date
- ..... Name of checked lot
- ..... Name of checked item
- ..... Type of check performed
- ..... Quantity of elements in the lot
- ..... Definition of tolerance zones with respect to sample net weight

Optional fieldbuses:

MODBUS RTU  
MODBUS/TCP

CANopen

ETHERNET  
TCP/IP

PROFIBUS

PROFINET

EtherNet/IP

DeviceNet

# Single cell platform approved scales for statistical checking of prepackages

## ISC-G / WTABG / ACN

CAPACITY		DIVISION		PLATFORM	FREE STANDING	
Max <sup>1</sup>	Max <sup>2</sup>	e <sup>1</sup>	e <sup>2</sup>	L x W mm	ITEM CODE	NET WEIGHT
<b>C3 APPROVED - 3000 divisions - MULTIRANGE</b>						
<b>3 kg</b>	<b>6 kg</b>	1 g	2 g	300x300 mm	ISC6G2A	7.6 kg
<b>6 kg</b>	<b>15 kg</b>	2 g	5 g	300x300 mm	ISC15G2A	7.6 kg
<b>15 kg</b>	<b>30 kg</b>	5 g	10 g	300x300 mm	ISC30G2A	7.6 kg
<b>30 kg</b>	<b>60 kg</b>	10 g	20 g	400x400 mm	ISC60G2A	10.1 kg
<b>60 kg</b>	<b>150 kg</b>	20 g	50 g	400x400 mm	ISC120G2A	10.1 kg
<b>60 kg</b>	<b>150 kg</b>	20 g	50 g	600x600 mm	ISC150G2A	25.3 kg

● Please refer to the weight indicator data sheet for optional Fieldbuses.



## ISM-G / WTABG / MN

CAPACITY		DIVISION		PLATFORM	FREE STANDING	
Max <sup>1</sup>	Max <sup>2</sup>	e <sup>1</sup>	e <sup>2</sup>	L x W mm	ITEM CODE	NET WEIGHT
<b>C3 APPROVED - 3000 divisions - MULTIRANGE</b>						
<b>30 kg</b>	<b>60 kg</b>	10 g	20 g	460x600 mm	ISM60G2A	23.3 kg
<b>60 kg</b>	<b>150 kg</b>	20 g	50 g	460x600 mm	ISM150G2A	23.3 kg

● Please refer to the weight indicator data sheet for optional Fieldbuses.



## ISI-G / WTABG / AIN

CAPACITY		DIVISION		PLATFORM	FREE STANDING	
Max <sup>1</sup>	Max <sup>2</sup>	e <sup>1</sup>	e <sup>2</sup>	L x W mm	ITEM CODE	NET WEIGHT
<b>C3 APPROVED - 3000 divisions - MULTIRANGE</b>						
<b>3 kg</b>	<b>6 kg</b>	1 g	2 g	300x300 mm	ISI6G2A	6.9 kg
<b>6 kg</b>	<b>15 kg</b>	2 g	5 g	300x300 mm	ISI15G2A	6.9 kg
<b>15 kg</b>	<b>30 kg</b>	5 g	10 g	300x300 mm	ISI30G2A	6.9 kg
<b>30 kg</b>	<b>60 kg</b>	10 g	20 g	400x400 mm	ISI60G2A	9.8 kg
<b>60 kg</b>	<b>150 kg</b>	20 g	50 g	400x400 mm	ISI120G2A	9.8 kg
<b>60 kg</b>	<b>150 kg</b>	20 g	50 g	600x600 mm	ISI150G2A	23.9 kg

● Please refer to the weight indicator data sheet for optional Fieldbuses.



IP68 LOAD CELL  
PROTECTION KIT  
included for AIN platforms:  
60 kg / 150 kg / 300 kg  
capacities

# Options on request for single cell platform scales

DESCRIPTION	OPTION CODE
Linearity test - Up to 30 kg.	TARATURA50
Linearity test - Up to 3000 kg.	TARATURA
CE-M Approved version (4000 divisions) for capacities up to 300 kg.	
Alibi memory for approved weight indicators	OPZWALIBI
Non-standard capacity (max) and division (e) version.	PORTATA
Desk thermal printer, 32 columns with RTC (clock calendar).	STAVTII
<i>WTABG weight indicator</i> → <i>Integrated thermal printer.</i>	OPZWATABSTA
IP65 external remote display with traffic light in anodised aluminum profile. Red/green LED display, 6 digit (h 95 mm).	RIP6100IP65
IP30 digital remote display in painted aluminum profile. Red LED display, 6 digit (h 100 mm).	RIP6100N
Declaration of conformity + IP69K* marking protection rating. <i>AILN platform load cells</i> <i>WINOXR weight indicator</i>	IPX9KAZLI IPX9KWINOXR
<i>WLIGHT weight indicator</i> → 8 NiMH rechargeable batteries, 1.2 V, AA type.	OPZWBATTWLIGHT
<i>WDESKL weight indicator</i> → 8 NiMH rechargeable batteries, 1.2 V, AA type, non-removable.	OPZWBATTWDESK
<i>WINOXR weight indicator</i> → 12.2 V rechargeable lead battery, 2.8 Ah capacity.	OPZWBATTWINOX
<i>WTABG weight indicator</i> → 12.2 V rechargeable lead battery, 2.8 Ah capacity.	OPZWBATTWTAB
ATEX versions with the declaration of conformity of whole system.	
IECEx versions.	

\*) Water protection in case of high-pressure or steam jet cleaning (test: pressurized water is sprayed from a distance of max 150 mm)  
Water pressure: 100 bar; temperature: 80 °C; test duration: 250 seconds (reference standard: DIN 40050-9)



STAVTII



RIP6100IP65



RIP6100N

# 4 IP68 cells platform scales

## ISP

CE-M approved versions: 2014/31/EU, EN 45501, OIML R76 class III, legal for trade use with CE marking and conformity assessment (Initial verification).

CAPACITY: **1500 kg / 3000 kg**

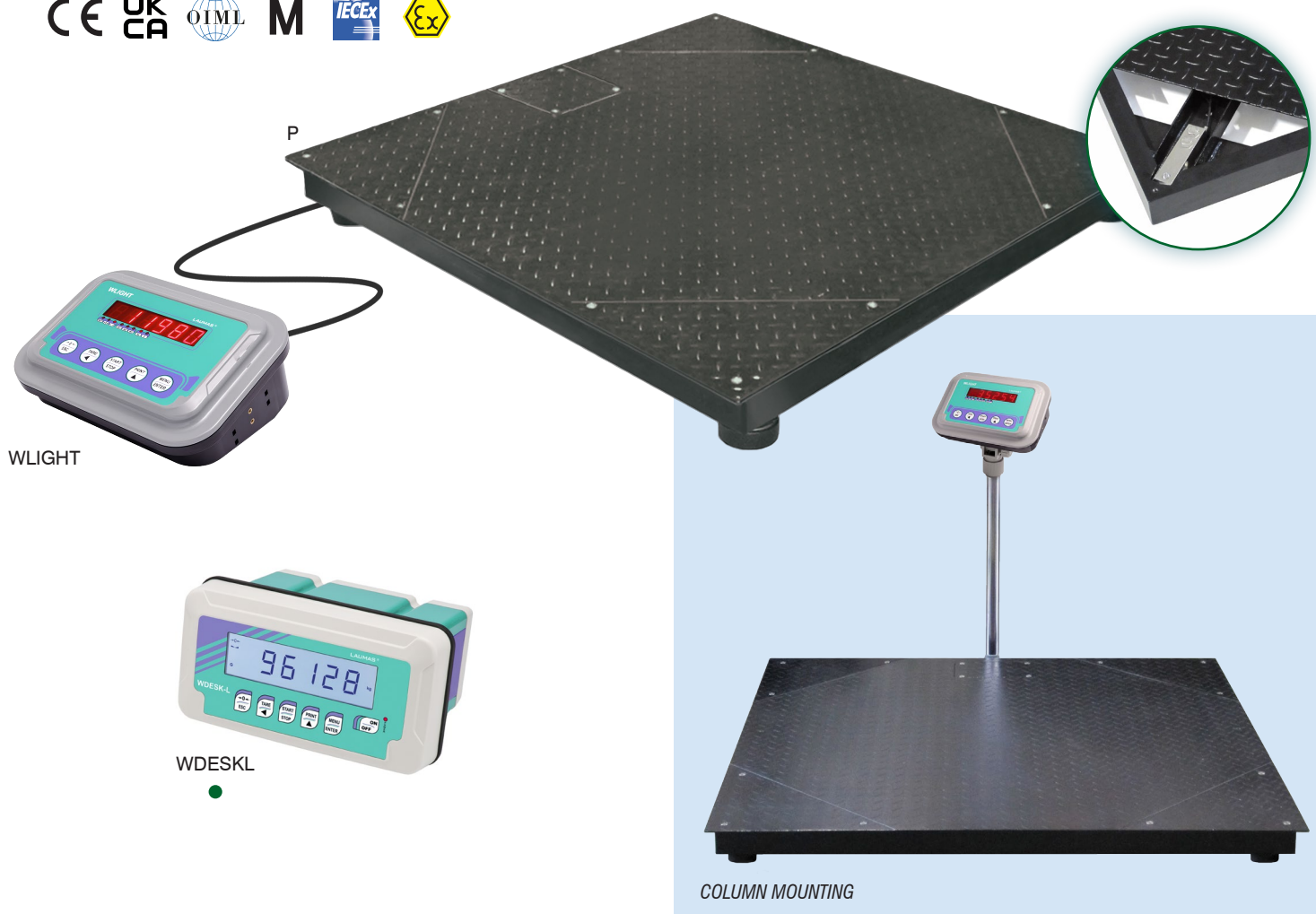
PLATFORM: **1250x1250 mm / 1200x1500 mm / 1500x1500 mm**

- Painted steel structure, with inspectable loading top on cells and junction box sides.
- 4 IP68 AISI 420 stainless steel shear beam load cell.
- IP67 stainless steel junction box with equalization board and 6-output wires cable.
- Galvanized steel self-centering adjustable jointed feet.
- 2x M12 holes for lifting.

WEIGHT INDICATOR: **WLIGHT / WDESKL**

- Freestanding weight indicator or mounting on stainless steel column.

On request version for hazardous areas IECEx / ATEX.



WLIGHT

WDESKL

COLUMN MOUNTING

● Optional fieldbuses:

MODBUS RTU  
MODBUS/TCP

CANopen

ETHERNET  
TCP/IP

PROFINET  
BUS

PROFINET

EtherNet/IP

DeviceNet

## ISP / WLIGHT



				FREE STANDING		COLUMN MOUNTING		
CAPACITY		DIVISION		PLATFORM	ITEM	NET	ITEM	NET
Max <sup>1</sup>	Max <sup>2</sup>	e <sup>1</sup>	e <sup>2</sup>	L x W mm	CODE	WEIGHT	CODE	WEIGHT
<b>FOR INTERNAL USE</b>								
1500 kg		100 g		1250x1250 mm	ISP1250F0AS5	117.9 kg	ISP1250F0BS5	119 kg
1500 kg		100 g		1200x1500 mm	ISP1215F0AS5	131.9 kg	ISP1215F0BS5	133 kg
1500 kg		100 g		1500x1500 mm	ISP1500F0AS5	159.9 kg	ISP1500F0BS5	161 kg
3000 kg		200 g		1250x1250 mm	ISP1250F0A	117.9 kg	ISP1250F0B	119 kg
3000 kg		200 g		1200x1500 mm	ISP1215F0A	131.9 kg	ISP1215F0B	133 kg
3000 kg		200 g		1500x1500 mm	ISP1500F0A	159.9 kg	ISP1500F0B	161 kg
<b>C3 APPROVED - 3000 divisions</b>								
1500 kg		500 g		1250x1250 mm	ISP1250F1AS5	117.9 kg	ISP1250F1BS5	119 kg
1500 kg		500 g		1200x1500 mm	ISP1215F1AS5	131.9 kg	ISP1215F1BS5	133 kg
1500 kg		500 g		1500x1500 mm	ISP1500F1AS5	159.9 kg	ISP1500F1BS5	161 kg
3000 kg		1 kg		1250x1250 mm	ISP1250F1A	117.9 kg	ISP1250F1B	119 kg
3000 kg		1 kg		1200x1500 mm	ISP1215F1A	131.9 kg	ISP1215F1B	133 kg
3000 kg		1 kg		1500x1500 mm	ISP1500F1A	159.9 kg	ISP1500F1B	161 kg
<b>C3 APPROVED - 3000 divisions - MULTIRANGE</b>								
600 kg	1500 kg	200 g	500 g	1250x1250 mm	ISP1250F2AS5	117.9 kg	ISP1250F2BS5	119 kg
600 kg	1500 kg	200 g	500 g	1200x1500 mm	ISP1215F2AS5	131.9 kg	ISP1215F2BS5	133 kg
600 kg	1500 kg	200 g	500 g	1500x1500 mm	ISP1500F2AS5	159.9 kg	ISP1500F2BS5	161 kg
1500 kg	3000 kg	500 g	1 kg	1250x1250 mm	ISP1250F2A	117.9 kg	ISP1250F2B	119 kg
1500 kg	3000 kg	500 g	1 kg	1200x1500 mm	ISP1215F2A	131.9 kg	ISP1215F2B	133 kg
1500 kg	3000 kg	500 g	1 kg	1500x1500 mm	ISP1500F2A	159.9 kg	ISP1500F2B	161 kg
<b>C5 APPROVED - 5000 divisions - MULTIRANGE</b>								
500 kg	1000 kg	100 g	200 g	1250x1250 mm	ISP1250F2AS5C5	117.9 kg	ISP1250F2BS5C5	119 kg
500 kg	1000 kg	100 g	200 g	1200x1500 mm	ISP1215F2AS5C5	131.9 kg	ISP1215F2BS5C5	133 kg
500 kg	1000 kg	100 g	200 g	1500x1500 mm	ISP1500F2AS5C5	159.9 kg	ISP1500F2BS5C5	161 kg
1000 kg	2500 kg	200 g	500 g	1250x1250 mm	ISP1250F2AC5	117.9 kg	ISP1250F2BC5	119 kg
1000 kg	2500 kg	200 g	500 g	1200x1500 mm	ISP1215F2AC5	131.9 kg	ISP1215F2BC5	133 kg
1000 kg	2500 kg	200 g	500 g	1500x1500 mm	ISP1500F2AC5	159.9 kg	ISP1500F2BC5	161 kg

## ISP / WDESKL



				FREE STANDING		COLUMN MOUNTING		
CAPACITY		DIVISION		PLATFORM	ITEM	NET	ITEM	NET
Max <sup>1</sup>	Max <sup>2</sup>	e <sup>1</sup>	e <sup>2</sup>	L x W mm	CODE	WEIGHT	CODE	WEIGHT
<b>FOR INTERNAL USE</b>								
1500 kg		100 g		1250x1250 mm	ISP1250D0AS5	117.9 kg	ISP1250D0BS5	119 kg
1500 kg		100 g		1200x1500 mm	ISP1215D0AS5	131.9 kg	ISP1215D0BS5	133 kg
1500 kg		100 g		1500x1500 mm	ISP1500D0AS5	159.9 kg	ISP1500D0BS5	161 kg
3000 kg		200 g		1250x1250 mm	ISP1250D0A	117.9 kg	ISP1250D0B	119 kg
3000 kg		200 g		1200x1500 mm	ISP1215D0A	131.9 kg	ISP1215D0B	133 kg
3000 kg		200 g		1500x1500 mm	ISP1500D0A	159.9 kg	ISP1500D0B	161 kg
<b>C3 APPROVED - 3000 divisions</b>								
1500 kg		500 g		1250x1250 mm	ISP1250D1AS5	117.9 kg	ISP1250D1BS5	119 kg
1500 kg		500 g		1200x1500 mm	ISP1215D1AS5	131.9 kg	ISP1215D1BS5	133 kg
1500 kg		500 g		1500x1500 mm	ISP1500D1AS5	159.9 kg	ISP1500D1BS5	161 kg
3000 kg		1 kg		1250x1250 mm	ISP1250D1A	117.9 kg	ISP1250D1B	119 kg
3000 kg		1 kg		1200x1500 mm	ISP1215D1A	131.9 kg	ISP1215D1B	133 kg
3000 kg		1 kg		1500x1500 mm	ISP1500D1A	159.9 kg	ISP1500D1B	161 kg
<b>C3 APPROVED - 3000 divisions - MULTIRANGE</b>								
600 kg	1500 kg	200 g	500 g	1250x1250 mm	ISP1250D2AS5	117.9 kg	ISP1250D2BS5	119 kg
600 kg	1500 kg	200 g	500 g	1200x1500 mm	ISP1215D2AS5	131.9 kg	ISP1215D2BS5	133 kg
600 kg	1500 kg	200 g	500 g	1500x1500 mm	ISP1500D2AS5	159.9 kg	ISP1500D2BS5	161 kg
1500 kg	3000 kg	500 g	1 kg	1250x1250 mm	ISP1250D2A	117.9 kg	ISP1250D2B	119 kg
1500 kg	3000 kg	500 g	1 kg	1200x1500 mm	ISP1215D2A	131.9 kg	ISP1215D2B	133 kg
1500 kg	3000 kg	500 g	1 kg	1500x1500 mm	ISP1500D2A	159.9 kg	ISP1500D2B	161 kg
<b>C5 APPROVED - 5000 divisions - MULTIRANGE</b>								
500 kg	1000 kg	100 g	200 g	1250x1250 mm	ISP1250D2AS5C5	117.9 kg	ISP1250D2BS5C5	119 kg
500 kg	1000 kg	100 g	200 g	1200x1500 mm	ISP1215D2AS5C5	131.9 kg	ISP1215D2BS5C5	133 kg
500 kg	1000 kg	100 g	200 g	1500x1500 mm	ISP1500D2AS5C5	159.9 kg	ISP1500D2BS5C5	161 kg
1000 kg	2500 kg	200 g	500 g	1250x1250 mm	ISP1250D2AC5	117.9 kg	ISP1250D2BC5	119 kg
1000 kg	2500 kg	200 g	500 g	1200x1500 mm	ISP1215D2AC5	131.9 kg	ISP1215D2BC5	133 kg
1000 kg	2500 kg	200 g	500 g	1500x1500 mm	ISP1500D2AC5	159.9 kg	ISP1500D2BC5	161 kg

● Please refer to the weight indicator data sheet for optional Fieldbuses.

# Stainless steel platform scales with 4 IP68\* cells

## ISPI

CE-M approved versions: 2014/31/EU, EN 45501, OIML R76 class III, legal for trade use with CE marking and conformity assessment (Initial verification).

CAPACITY: **1500 kg / 3000 kg**

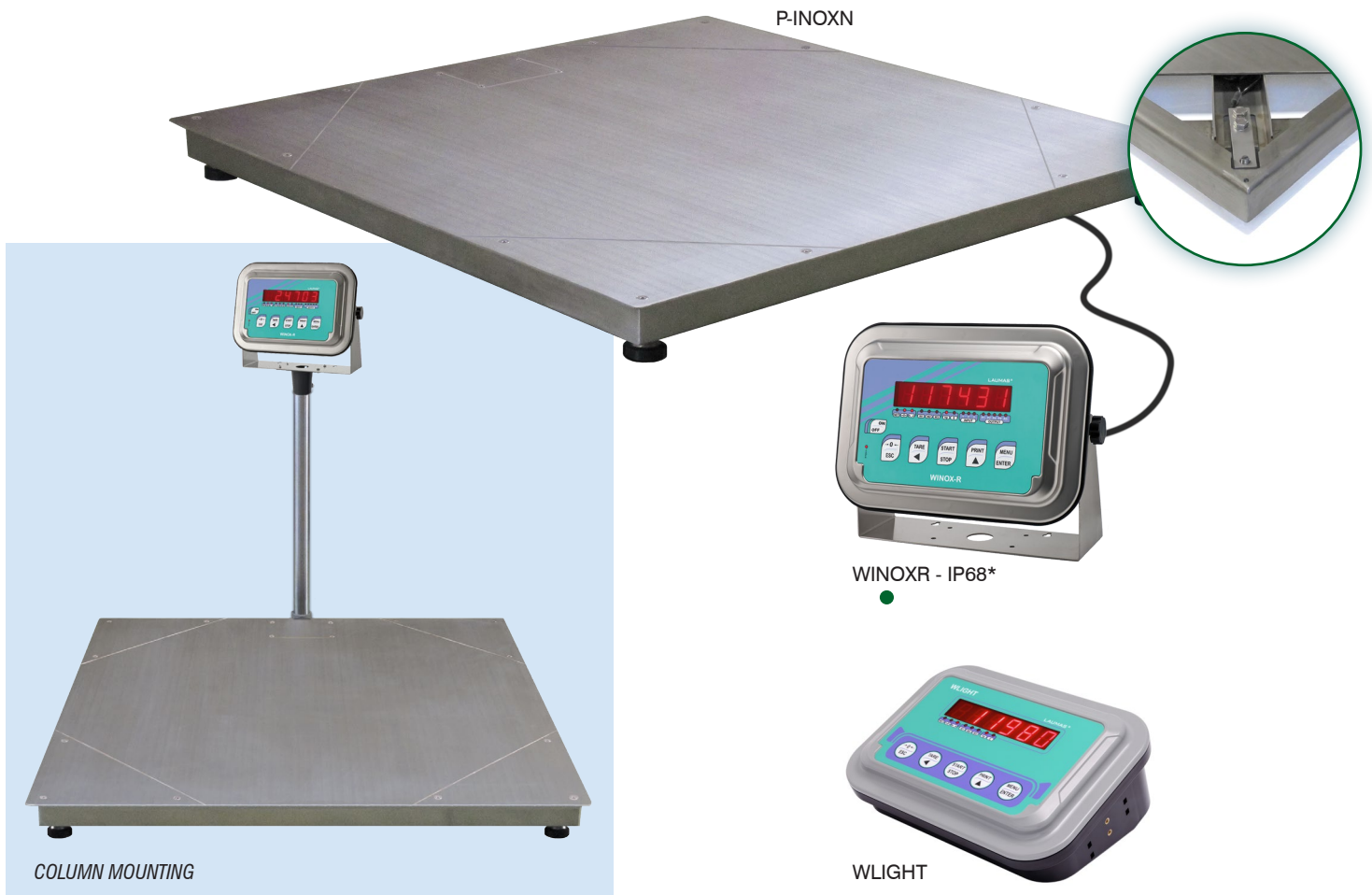
PLATFORM: **1250x1250 mm / 1500x1500 mm**

- AISI 304 stainless steel structure, with inspectable loading top on cells and junction box sides.
- 4 IP68\* 17-4 PH stainless steel shear beam load cell.
- IP67 stainless steel junction box with equalization board and 6-output wires cable.
- AISI 304 stainless steel self-centering adjustable jointed feet.
- 2x M12 holes for lifting.

WEIGHT INDICATOR: **WLIGHT / WINOXR**

- Freestanding weight indicator or mounting on stainless steel column.

On request version for hazardous areas IECEx / ATEX.



COLUMN MOUNTING

● Optional fieldbuses:

**MODBUS RTU**  
**MODBUS/TCP**

**CANopen**

**ETHERNET**  
**TCP/IP**

**PROFIBUS**

**PROFINET**

**EtherNet/IP**

**DeviceNet**

\*) On request IP69K



## ISPI / WLIGHT



CAPACITY				DIVISION		PLATFORM	FREE STANDING		COLUMN MOUNTING	
Max <sup>1</sup>	Max <sup>2</sup>	e <sup>1</sup>	e <sup>2</sup>	L x W mm	ITEM CODE	NET WEIGHT	ITEM CODE	NET WEIGHT		
<b>FOR INTERNAL USE</b>										
1500 kg		100 g		1250x1250 mm	ISPI1250F0AS5	117.9 kg	ISPI1250F0CS5	119 kg		
1500 kg		100 g		1500x1500 mm	ISPI1500F0AS5	156.9 kg	ISPI1500F0CS5	158 kg		
3000 kg		200 g		1250x1250 mm	ISPI1250F0A	117.9 kg	ISPI1250F0C	119 kg		
3000 kg		200 g		1500x1500 mm	ISPI1500F0A	156.9 kg	ISPI1500F0C	158 kg		
<b>C3 APPROVED - 3000 divisions</b>										
1500 kg		500 g		1250x1250 mm	ISPI1250F1AS5	117.9 kg	ISPI1250F1CS5	119 kg		
1500 kg		500 g		1500x1500 mm	ISPI1500F1AS5	156.9 kg	ISPI1500F1CS5	158 kg		
3000 kg		1 kg		1250x1250 mm	ISPI1250F1A	117.9 kg	ISPI1250F1C	119 kg		
3000 kg		1 kg		1500x1500 mm	ISPI1500F1A	156.9 kg	ISPI1500F1C	158 kg		
<b>C3 APPROVED - 3000 divisions - MULTIRANGE</b>										
600 kg	1500 kg	200 g	500 g	1250x1250 mm	ISPI1250F2AS5	117.9 kg	ISPI1250F2CS5	119 kg		
600 kg	1500 kg	200 g	500 g	1500x1500 mm	ISPI1500F2AS5	156.9 kg	ISPI1500F2CS5	158 kg		
1500 kg	3000 kg	500 g	1 kg	1250x1250 mm	ISPI1250F2A	117.9 kg	ISPI1250F2C	119 kg		
1500 kg	3000 kg	500 g	1 kg	1500x1500 mm	ISPI1500F2A	156.9 kg	ISPI1500F2C	158 kg		

## ISPI / WINOXR IP68\*



CAPACITY				DIVISION		PLATFORM	FREE STANDING		COLUMN MOUNTING	
Max <sup>1</sup>	Max <sup>2</sup>	e <sup>1</sup>	e <sup>2</sup>	L x W mm	ITEM CODE	NET WEIGHT	ITEM CODE	NET WEIGHT		
<b>FOR INTERNAL USE</b>										
1500 kg		100 g		1250x1250 mm	ISPI1250E0AS5	118.5 kg	ISPI1250E0CS5	119.6 kg		
1500 kg		100 g		1500x1500 mm	ISPI1500E0AS5	157.5 kg	ISPI1500E0CS5	158.6 kg		
3000 kg		200 g		1250x1250 mm	ISPI1250E0A	118.5 kg	ISPI1250E0C	119.6 kg		
3000 kg		200 g		1500x1500 mm	ISPI1500E0A	157.5 kg	ISPI1500E0C	158.6 kg		
<b>C3 APPROVED - 3000 division</b>										
1500 kg		500 g		1250x1250 mm	ISPI1250E1AS5	118.5 kg	ISPI1250E1CS5	119.6 kg		
1500 kg		500 g		1500x1500 mm	ISPI1500E1AS5	157.5 kg	ISPI1500E1CS5	158.6 kg		
3000 kg		1 kg		1250x1250 mm	ISPI1250E1A	118.5 kg	ISPI1250E1C	119.6 kg		
3000 kg		1 kg		1500x1500 mm	ISPI1500E1A	157.5 kg	ISPI1500E1C	158.6 kg		
<b>C3 APPROVED - 3000 division - MULTIRANGE</b>										
600 kg	1500 kg	200 g	500 g	1250x1250 mm	ISPI1250E2AS5	118.5 kg	ISPI1250E2CS5	119.6 kg		
600 kg	1500 kg	200 g	500 g	1500x1500 mm	ISPI1500E2AS5	157.5 kg	ISPI1500E2CS5	158.6 kg		
1500 kg	3000 kg	500 g	1 kg	1250x1250 mm	ISPI1250E2A	118.5 kg	ISPI1250E2C	119.6 kg		
1500 kg	3000 kg	500 g	1 kg	1500x1500 mm	ISPI1500E2A	157.5 kg	ISPI1500E2C	158.6 kg		

● Please refer to the weight indicator data sheet for optional Fieldbuses.

\*) On request IP69K

# Aluminum platform scales with 4 IP68 cells and integrated ramp

## ISPM

CE-M approved versions: 2014/31/EU, EN 45501, OIML R76 class III, legal for trade use with CE marking and conformity assessment (Initial verification).

CAPACITY: **1000 kg**

PLATFORM: **1200x1600 mm** - loading plan **1000x1150 mm**

- Ultra-light anodized aluminum structure with up/down ramps and side rails suitable for weighing trolleys.
- 4 IP68 AISI 420 stainless steel shear beam load cell.
- IP67 stainless steel junction box with equalization board and 6-output wires cable.
- Galvanized steel self-centering adjustable jointed feet.
- Handles and wheels for inclined transport.

WEIGHT INDICATOR: **WLIGHT / WDESKL / WINOXR**

- Freestanding weight indicator or mounting on stainless steel mobile column.

On request version for hazardous areas IECEx / ATEX.



WLIGHT



WINOXR - IP68\*



WDESKL



MOBILE COLUMN

• Optional fieldbuses:

MODBUS RTU  
MODBUS/TCP

CANopen

ETHERNET  
TCP/IP

PROFIBUS

PROFINET

EtherNet/IP

DeviceNet

\*) On request IP69K

## ISPM / WLIGHT



CAPACITY				DIVISION		LOADING PLAN L x W mm	FREE STANDING		MOBILE COLUMN MOUNTING	
Max <sup>1</sup>	Max <sup>2</sup>	e <sup>1</sup>	e <sup>2</sup>	ITEM CODE	NET WEIGHT		ITEM CODE	NET WEIGHT		
FOR INTERNAL USE										
1000 kg		100 g		1000x1150 mm	ISPMF0A	69.9 kg	ISPMF0D	72.6 kg		
C3 APPROVED - 3000 divisions										
1000 kg		500 g		1000x1150 mm	ISPMF1A	69.9 kg	ISPMF1D	72.6 kg		
C3 APPROVED - 3000 divisions - MULTIRANGE										
600 kg	1000 kg	200 g	500 g	1000x1150 mm	ISPMF2A	69.9 kg	ISPMF2D	72.6 kg		

## ISPM / WDESKL



CAPACITY				DIVISION		LOADING PLAN L x W mm	FREE STANDING		MOBILE COLUMN MOUNTING	
Max <sup>1</sup>	Max <sup>2</sup>	e <sup>1</sup>	e <sup>2</sup>	ITEM CODE	NET WEIGHT		ITEM CODE	NET WEIGHT		
FOR INTERNAL USE										
1000 kg		100 g		1000x1150 mm	ISPMD0A	69.9 kg	ISPMD0D	72.6 kg		
C3 APPROVED - 3000 divisions										
1000 kg		500 g		1000x1150 mm	ISPMD1A	69.9 kg	ISPMD1D	72.6 kg		
C3 APPROVED - 3000 divisions - MULTIRANGE										
600 kg	1000 kg	200 g	500 g	1000x1150 mm	ISPMD2A	69.9 kg	ISPMD2D	72.6 kg		

● Please refer to the weight indicator data sheet for optional Fieldbuses.

## ISPM / WINOXR IP68\*



CAPACITY				DIVISION		LOADING PLAN L x W mm	FREE STANDING		MOBILE COLUMN MOUNTING	
Max <sup>1</sup>	Max <sup>2</sup>	e <sup>1</sup>	e <sup>2</sup>	ITEM CODE	NET WEIGHT		ITEM CODE	NET WEIGHT		
FOR INTERNAL USE										
1000 kg		100 g		1000x1150 mm	ISPME0A	70.5 kg	ISPME0D	73.2 kg		
C3 APPROVED - 3000 divisions										
1000 kg		500 g		1000x1150 mm	ISPME1A	70.5 kg	ISPME1D	73.2 kg		
C3 APPROVED - 3000 divisions - MULTIRANGE										
600 kg	1000 kg	200 g	500 g	1000x1150 mm	ISPME2A	70.5 kg	ISPME2D	73.2 kg		

● Please refer to the weight indicator data sheet for optional Fieldbuses.

\*) On request IP69K

# Diagnostic painted/stainless steel platform scales with 4 IP68\* cells

## ISP-H / ISPI-HE

CE-M approved versions: 2014/31/EU, EN 45501, OIML R76 class III, legal for trade use with CE marking and conformity assessment (Initial verification).

CAPACITY:	<b>1500 kg / 3000 kg</b>
PLATFORM:	<b>1250x1250 mm / 1200x1500 mm / 1500x1500 mm</b>
JUNCTION BOX:	<b>CLM8ABS / CLM8INOX</b>
WEIGHT INDICATOR:	<b>WTABR / WINOXR</b>

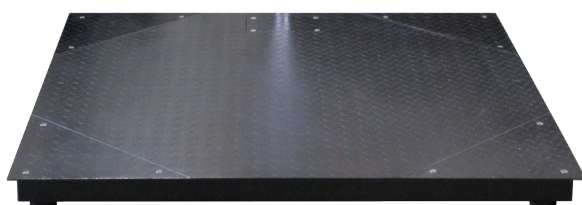
The CLM8 intelligent junction box series allows the use of advanced functions that can be managed entirely by the connected weight indicator.

- Monitoring and direct management of each connected load cell.
- Immediate reporting of malfunctions directly on the weight indicator display.
- Load cells digital equalization.
- Load distribution: weight percentage indication on each load cell.
- Automatic diagnostics: load distribution control to identify malfunctions.
- Events archive: storing the last 50 events (calibration, zeroing, errors, equalization).

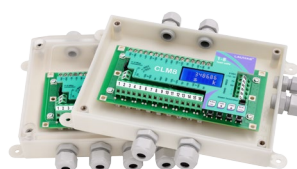
On request version for hazardous areas IECEx / ATEX.



### ISP-H



P



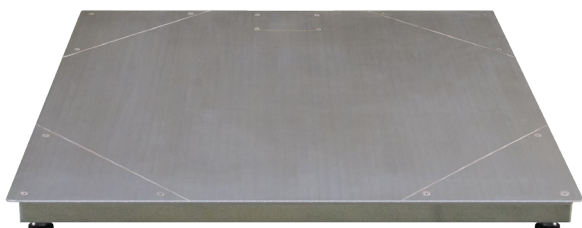
CLM8ABS



WTABR



### ISPI-HE - Stainless steel version



P-INOXN



CLM8INOX



WINOXR - IP68\*



● Optional fieldbuses:

MODBUS RTU  
MODBUS/TCP

CANopen

ETHERNET  
TCP/IP

PROFINET  
BUS

PROFINET

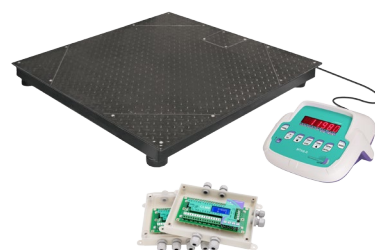
EtherNet/IP

DeviceNet

\*) On request IP69K

## ISP-H / CLM8ABS / WTABR

				FREE STANDING		
CAPACITY		DIVISION		PLATFORM L x W mm	ITEM CODE	NET WEIGHT
Max <sup>1</sup>	Max <sup>2</sup>	e <sup>1</sup>	e <sup>2</sup>			
<b>FOR INTERNAL USE</b>						
1500 kg		100 g		1250x1250 mm	ISP1250H0AS5	118.6 kg
1500 kg		100 g		1200x1500 mm	ISP1215H0AS5	132.6 kg
1500 kg		100 g		1500x1500 mm	ISP1500H0AS5	160.6 kg
3000 kg		200 g		1250x1250 mm	ISP1250H0A	118.6 kg
3000 kg		200 g		1200x1500 mm	ISP1215H0A	132.6 kg
3000 kg		200 g		1500x1500 mm	ISP1500H0A	160.6 kg

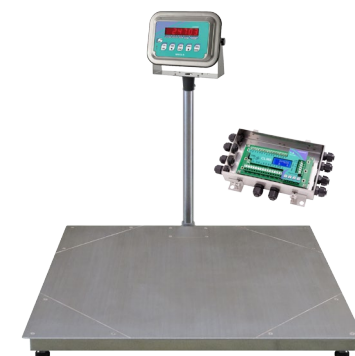


C3 APPROVED - 3000 divisions						
1500 kg		500 g		1250x1250 mm	ISP1250H1AS5	118.6 kg
1500 kg		500 g		1200x1500 mm	ISP1215H1AS5	132.6 kg
1500 kg		500 g		1500x1500 mm	ISP1500H1AS5	160.6 kg
3000 kg		1 kg		1250x1250 mm	ISP1250H1A	118.6 kg
3000 kg		1 kg		1200x1500 mm	ISP1215H1A	132.6 kg
3000 kg		1 kg		1500x1500 mm	ISP1500H1A	160.6 kg

C3 APPROVED - 3000 divisions - MULTIRANGE						
600 kg	1500 kg	200 g	500 g	1250x1250 mm	ISP1250H2AS5	118.6 kg
600 kg	1500 kg	200 g	500 g	1200x1500 mm	ISP1215H2AS5	132.6 kg
600 kg	1500 kg	200 g	500 g	1500x1500 mm	ISP1500H2AS5	160.6 kg
1500 kg	3000 kg	500 g	1 kg	1250x1250 mm	ISP1250H2A	118.6 kg
1500 kg	3000 kg	500 g	1 kg	1200x1500 mm	ISP1215H2A	132.6 kg
1500 kg	3000 kg	500 g	1 kg	1500x1500 mm	ISP1500H2A	160.6 kg

C5 APPROVED - 5000 divisions - MULTIRANGE						
500 kg	1000 kg	100 g	200 g	1250x1250 mm	ISP1250H2AS5C5	118.6 kg
500 kg	1000 kg	100 g	200 g	1200x1500 mm	ISP1215H2AS5C5	132.6 kg
500 kg	1000 kg	100 g	200 g	1500x1500 mm	ISP1500H2AS5C5	160.6 kg
1000 kg	2500 kg	200 g	500 g	1250x1250 mm	ISP1250H2AC5	118.6 kg
1000 kg	2500 kg	200 g	500 g	1200x1500 mm	ISP1215H2AC5	132.6 kg
1000 kg	2500 kg	200 g	500 g	1500x1500 mm	ISP1500H2AC5	160.6 kg

● Please refer to the weight indicator data sheet for optional Fieldbuses.



## ISPI-HE / CLM8INOX / WINOXR IP68\*

				FREE STANDING		COLUMN MOUNTING		
CAPACITY		DIVISION		PLATFORM L x W mm	ITEM CODE	NET WEIGHT	ITEM CODE	NET WEIGHT
Max <sup>1</sup>	Max <sup>2</sup>	e <sup>1</sup>	e <sup>2</sup>					
<b>FOR INTERNAL USE</b>								
1500 kg		100 g		1250x1250 mm	ISPI1250HE0AS5	119 kg	ISPI1250HE0CS5	120.1 kg
1500 kg		100 g		1500x1500 mm	ISPI1500HE0AS5	158 kg	ISPI1500HE0CS5	159.1 kg
3000 kg		200 g		1250x1250 mm	ISPI1250HE0A	119 kg	ISPI1250HE0C	120.1 kg
3000 kg		200 g		1500x1500 mm	ISPI1500HE0A	158 kg	ISPI1500HE0C	159.1 kg

C3 APPROVED - 3000 divisions								
1500 kg		500 g		1250x1250 mm	ISPI1250HE1AS5	119 kg	ISPI1250HE1CS5	120.1 kg
1500 kg		500 g		1500x1500 mm	ISPI1500HE1AS5	158 kg	ISPI1500HE1CS5	159.1 kg
3000 kg		1 kg		1250x1250 mm	ISPI1250HE1A	119 kg	ISPI1250HE1C	120.1 kg
3000 kg		1 kg		1500x1500 mm	ISPI1500HE1A	158 kg	ISPI1500HE1C	159.1 kg

C3 APPROVED - 3000 divisions - MULTIRANGE								
600 kg	1500 kg	200 g	500 g	1250x1250 mm	ISPI1250HE2AS5	119 kg	ISPI1250HE2CS5	120.1 kg
600 kg	1500 kg	200 g	500 g	1500x1500 mm	ISPI1500HE2AS5	158 kg	ISPI1500HE2CS5	159.1 kg
1500 kg	3000 kg	500 g	1 kg	1250x1250 mm	ISPI1250HE2A	119 kg	ISPI1250HE2C	120.1 kg
1500 kg	3000 kg	500 g	1 kg	1500x1500 mm	ISPI1500HE2A	158 kg	ISPI1500HE2C	159.1 kg

● Please refer to the weight indicator data sheet for optional Fieldbuses.

\*) On request IP69K

# Stainless steel platform scales with 4 IP68\* cells and liftable loading top

## ISPO

CE-M approved versions: 2014/31/EU, EN 45501, OIML R76 class III, legal for trade use with CE marking and conformity assessment (Initial verification).

CAPACITY: **600 kg / 1500 kg / 3000 kg**

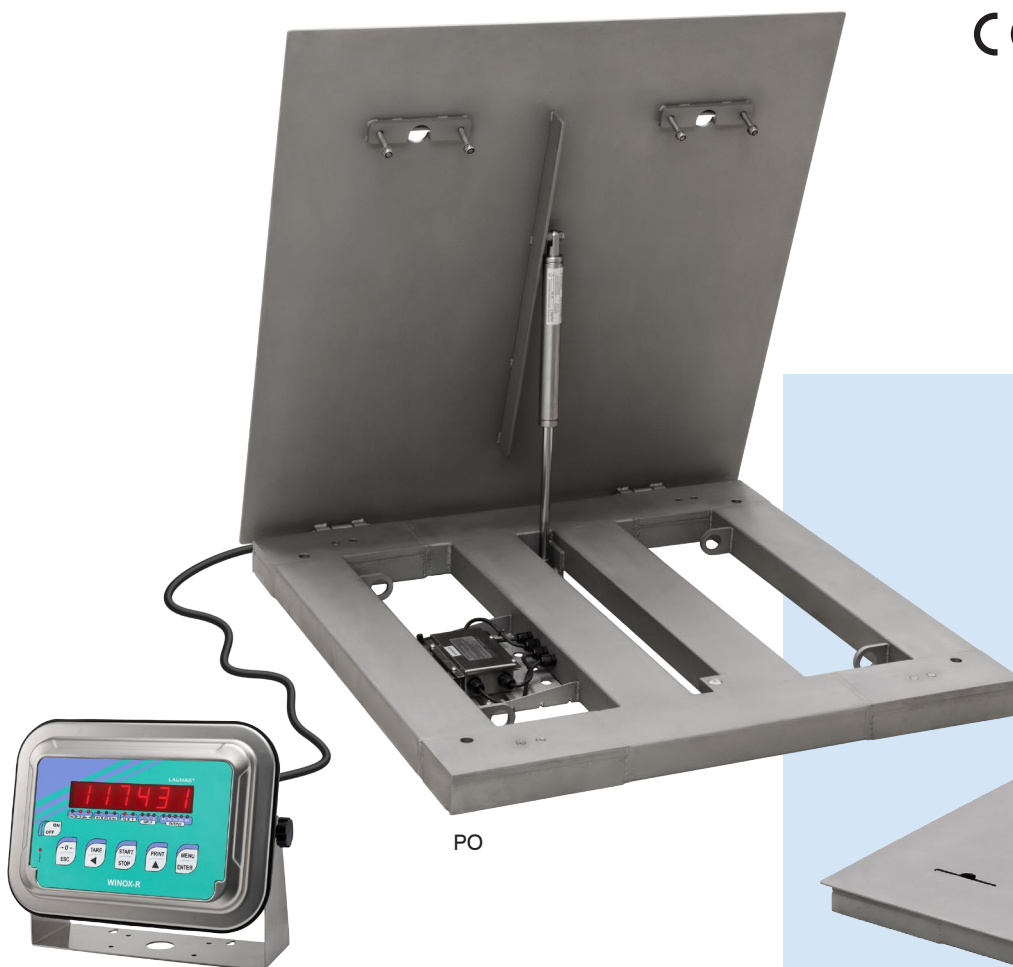
PLATFORM: **800x800 mm / 1000x1000 mm / 1250x1250 mm / 1500x1500 mm**

- AISI 304 stainless steel structure with liftable loading top by gas lift piston.
- 4 IP68\* 17-4 PH stainless steel shear beam load cells.
- IP67 stainless steel junction box with equalization board and 6-output wires cable.
- AISI 304 stainless steel self-centering adjustable jointed feet.
- 4 welded eyelets for platform lifting.

WEIGHT INDICATOR: **WINOXR**

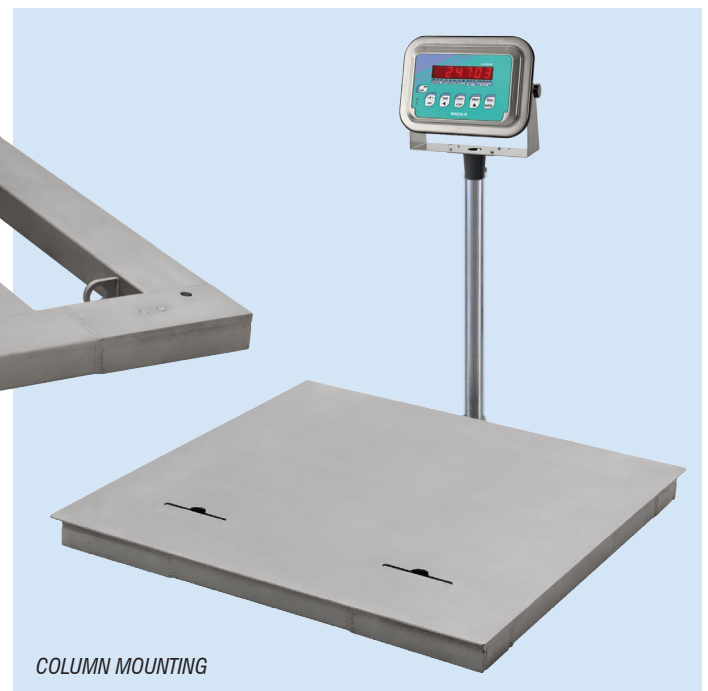
- Freestanding weight indicator or mounting on stainless steel column.

On request version for hazardous areas IECEx / ATEX.



PO

WINOXR - IP68\*



COLUMN MOUNTING

● Optional fieldbuses:

MODBUS RTU  
MODBUS/TCP

CANopen

ETHERNET  
TCP/IP

PROFI  
BUS

PROFI  
NET

EtherNet/IP

DeviceNet

\*) On request IP68K

**ISPO / WINOXR** IP68\*



CAPACITY		DIVISION		PLATFORM	FREE STANDING		COLUMN MOUNTING	
Max <sup>1</sup>	Max <sup>2</sup>	e <sup>1</sup>	e <sup>2</sup>	L x W mm	ITEM CODE	NET WEIGHT	ITEM CODE	NET WEIGHT
<b>FOR INTERNAL USE</b>								
600 kg		20 g		800x800 mm	ISPO800I600E0A	69.5 kg	ISPO800I600E0C	70.6 kg
600 kg		50 g		1000x1000 mm	ISPO1000I600E0A	88.5 kg	ISPO1000I600E0C	89.6 kg
1500 kg		100 g		1000x1000 mm	ISPO1000I1500E0A	88.5 kg	ISPO1000I1500E0C	89.6 kg
1500 kg		100 g		1250x1250 mm	ISPO1250I1500E0A	128.5 kg	ISPO1250I1500E0C	129.6 kg
1500 kg		100 g		1500x1500 mm	ISPO1500I1500E0A	168.5 kg	ISPO1500I1500E0C	169.6 kg
3000 kg		200 g		1250x1250 mm	ISPO1250I3000E0A	128.5 kg	ISPO1250I3000E0C	129.6 kg
3000 kg		200 g		1500x1500 mm	ISPO1500I3000E0A	168.5 kg	ISPO1500I3000E0C	169.6 kg
<b>C3 APPROVED - 3000 divisions</b>								
600 kg		200 g		800x800 mm	ISPO800I600E1A	69.5 kg	ISPO800I600E1C	70.6 kg
600 kg		200 g		1000x1000 mm	ISPO1000I600E1A	88.5 kg	ISPO1000I600E1C	89.6 kg
1500 kg		500 g		1000x1000 mm	ISPO1000I1500E1A	88.5 kg	ISPO1000I1500E1C	89.6 kg
1500 kg		500 g		1250x1250 mm	ISPO1250I1500E1A	128.5 kg	ISPO1250I1500E1C	129.6 kg
1500 kg		500 g		1500x1500 mm	ISPO1500I1500E1A	168.5 kg	ISPO1500I1500E1C	169.6 kg
3000 kg		1 kg		1250x1250 mm	ISPO1250I3000E1A	128.5 kg	ISPO1250I3000E1C	129.6 kg
3000 kg		1 kg		1500x1500 mm	ISPO1500I3000E1A	168.5 kg	ISPO1500I3000E1C	169.6 kg
<b>C3 APPROVED - 3000 divisions - MULTIRANGE</b>								
300 kg	600 kg	100 g	200 g	800x800 mm	ISPO800I600E2A	69.5 kg	ISPO800I600E2C	70.6 kg
300 kg	600 kg	100 g	200 g	1000x1000 mm	ISPO1000I600E2A	88.5 kg	ISPO1000I600E2C	89.6 kg
600 kg	1500 kg	200 g	500 g	1000x1000 mm	ISPO1000I1500E2A	88.5 kg	ISPO1000I1500E2C	89.6 kg
600 kg	1500 kg	200 g	500 g	1250x1250 mm	ISPO1250I1500E2A	128.5 kg	ISPO1250I1500E2C	129.6 kg
600 kg	1500 kg	200 g	500 g	1500x1500 mm	ISPO1500I1500E2A	168.5 kg	ISPO1500I1500E2C	169.6 kg
1500 kg	3000 kg	500 g	1 kg	1250x1250 mm	ISPO1250I3000E2A	128.5 kg	ISPO1250I3000E2C	129.6 kg
1500 kg	3000 kg	500 g	1 kg	1500x1500 mm	ISPO1500I3000E2A	168.5 kg	ISPO1500I3000E2C	169.6 kg

● Please refer to the weight indicator data sheet for optional Fieldbuses.

\*) On request IP69K

# Counting scale with remote platform

## ISBIL2B

CAPACITY: **6 kg / 15 kg / 30 kg / 60 kg / 75 kg / 150 kg / 300 kg / 600 kg / 1500 kg / 3000 kg**  
 SINGLE CELL REMOTE PLATFORM: **ACN / MN / AIN**  
 4 CELLS REMOTE PLATFORM: **P / P-INOXN**

### BIL2B scale:

- Stainless steel loading plate.
  - RS232 output for connection to PC or external printer.
  - Remote platform input.
  - 3x 6-digit backlit LCD display (20 mm height).
  - 20-key waterproof keyboard.
  - Bubble level and adjustable feet.
  - 6 V rechargeable internal battery, 4 Ah capacity.
  - Operating time: 70 hours.
  - Power supply included.
- Simultaneous displaying of the number of pieces, the average unit weight of each piece, total weight of the pieces.
  - Counting function also on remote weighing platform.
  - Storing up to 100 items (PLU memories), for each item you can store and recall from keypad: alphanumeric description (name), preset tare value, average unit weight calculated by automatic sampling or settable by keypad.

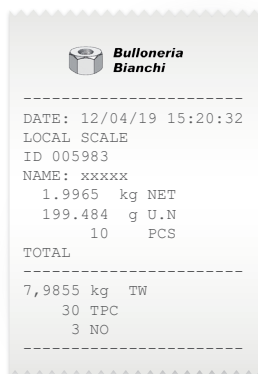
Linearity test for scale and platform included.



**PIATTOBAC**  
(on request see BIL2B sheet)



**STAVTII**  
Receipt example  
via optional printer  
(see BIL2B sheet)





## ISBIL2B / ACN

COUNTING SCALE		SINGLE CELL PLATFORM			ITEM CODE	NET WEIGHT
CAPACITY Max	DIVISION e	CAPACITY Max	DIVISION e	PLATFORM L x W mm		
<b>FOR INTERNAL USE</b>						
6 kg	0.1 g	60 kg	2 g	400x400 mm	ISBIL2B6C60	13.6 kg
		150 kg	5 g	400x400 mm	ISBIL2B6C120	13.6 kg
		150 kg	5 g	600x600 mm	ISBIL2B6C150	28.8 kg
		300 kg	10 g	600x600 mm	ISBIL2B6C300	28.8 kg
		600 kg	20 g	800x800 mm	ISBIL2B6C600	56.8 kg
15 kg	0.2 g	60 kg	2 g	400x400 mm	ISBIL2B15C60	13.6 kg
		150 kg	5 g	400x400 mm	ISBIL2B15C120	13.6 kg
		150 kg	5 g	600x600 mm	ISBIL2B15C150	28.8 kg
		300 kg	10 g	600x600 mm	ISBIL2B15C300	28.8 kg
		600 kg	20 g	800x800 mm	ISBIL2B15C600	56.8 kg
30 kg	0.5 g	60 kg	2 g	400x400 mm	ISBIL2B30C60	13.6 kg
		150 kg	5 g	400x400 mm	ISBIL2B30C120	13.6 kg
		150 kg	5 g	600x600 mm	ISBIL2B30C150	28.8 kg
		300 kg	10 g	600x600 mm	ISBIL2B30C300	28.8 kg
		600 kg	20 g	800x800 mm	ISBIL2B30C600	56.8 kg

## ISBIL2B / MN

COUNTING SCALE		SINGLE CELL PLATFORM			ITEM CODE	NET WEIGHT
CAPACITY Max	DIVISION e	CAPACITY Max	DIVISION e	PLATFORM L x W mm		
<b>FOR INTERNAL USE</b>						
6 kg	0.1 g	75 kg	2 g	460x600 mm	ISBIL2B6M75	26.8 kg
		150 kg	5 g	460x600 mm	ISBIL2B6M150	26.8 kg
		300 kg	10 g	460x600 mm	ISBIL2B6M300	26.8 kg
15 kg	0.2 g	75 kg	2 g	460x600 mm	ISBIL2B15M75	26.8 kg
		150 kg	5 g	460x600 mm	ISBIL2B15M150	26.8 kg
		300 kg	10 g	460x600 mm	ISBIL2B15M300	26.8 kg
30 kg	0.5 g	75 kg	2 g	460x600 mm	ISBIL2B30M75	26.8 kg
		150 kg	5 g	460x600 mm	ISBIL2B30M150	26.8 kg
		300 kg	10 g	460x600 mm	ISBIL2B30M300	26.8 kg

## ISBIL2B / AIN inox

COUNTING SCALE		SINGLE CELL PLATFORM			ITEM CODE	NET WEIGHT
CAPACITY Max	DIVISION e	CAPACITY Max	DIVISION e	PLATFORM L x W mm		
<b>FOR INTERNAL USE</b>						
6 kg	0.1 g	60 kg	2 g	400x400 mm	ISBIL2B6I60	13.3 kg
		150 kg	5 g	400x400 mm	ISBIL2B6I120	13.3 kg
		150 kg	5 g	600x600 mm	ISBIL2B6I150	27.4 kg
		300 kg	10 g	600x600 mm	ISBIL2B6I300	27.4 kg
		600 kg	20 g	800x800 mm	ISBIL2B6I600	52.3 kg
15 kg	0.2 g	60 kg	2 g	400x400 mm	ISBIL2B15I60	13.3 kg
		150 kg	5 g	400x400 mm	ISBIL2B15I120	13.3 kg
		150 kg	5 g	600x600 mm	ISBIL2B15I150	27.4 kg
		300 kg	10 g	600x600 mm	ISBIL2B15I300	27.4 kg
		600 kg	20 g	800x800 mm	ISBIL2B15I600	52.3 kg
30 kg	0.5 g	60 kg	2 g	400x400 mm	ISBIL2B30I60	13.3 kg
		150 kg	5 g	400x400 mm	ISBIL2B30I120	13.3 kg
		150 kg	5 g	600x600 mm	ISBIL2B30I150	27.4 kg
		300 kg	10 g	600x600 mm	ISBIL2B30I300	27.4 kg
		600 kg	20 g	800x800 mm	ISBIL2B30I600	52.3 kg

## ISBIL2B / P

COUNTING SCALE		4 CELLS PLATFORM			ITEM CODE	NET WEIGHT
CAPACITY Max	DIVISION e	CAPACITY Max	DIVISION e	PLATFORM L x W mm		
<b>FOR INTERNAL USE</b>						
6 kg	0.1 g	1500 kg	100 g	1250x1250 mm	ISBIL2B6P1250S5	121.8 kg
		1500 kg	100 g	1200x1500 mm	ISBIL2B6P1215S5	135.8 kg
		1500 kg	100 g	1500x1500 mm	ISBIL2B6P1500S5	163.8 kg
		3000 kg	200 g	1250x1250 mm	ISBIL2B6P1250	121.8 kg
		3000 kg	200 g	1200x1500 mm	ISBIL2B6P1215	135.8 kg
		3000 kg	200 g	1500x1500 mm	ISBIL2B6P1500	163.8 kg
15 kg	0.2 g	1500 kg	100 g	1250x1250 mm	ISBIL2B15P1250S5	121.8 kg
		1500 kg	100 g	1200x1500 mm	ISBIL2B15P1215S5	135.8 kg
		1500 kg	100 g	1500x1500 mm	ISBIL2B15P1500S5	163.8 kg
		3000 kg	200 g	1250x1250 mm	ISBIL2B15P1250	121.8 kg
		3000 kg	200 g	1200x1500 mm	ISBIL2B15P1215	135.8 kg
		3000 kg	200 g	1500x1500 mm	ISBIL2B15P1500	163.8 kg
30 kg	0.5 g	1500 kg	100 g	1250x1250 mm	ISBIL2B30P1250S5	121.8 kg
		1500 kg	100 g	1200x1500 mm	ISBIL2B30P1215S5	135.8 kg
		1500 kg	100 g	1500x1500 mm	ISBIL2B30P1500S5	163.8 kg
		3000 kg	200 g	1250x1250 mm	ISBIL2B30P1250	121.8 kg
		3000 kg	200 g	1200x1500 mm	ISBIL2B30P1215	135.8 kg
		3000 kg	200 g	1500x1500 mm	ISBIL2B30P1500	163.8 kg

## ISBIL2B / P-INOXN

COUNTING SCALE		4 CELLS PLATFORM			ITEM CODE	NET WEIGHT
CAPACITY Max	DIVISION e	CAPACITY Max	DIVISION e	PLATFORM L x W mm		
<b>FOR INTERNAL USE</b>						
6 kg	0.1 g	1500 kg	100 g	1250x1250 mm	ISBIL2B6PI1250S5	121.8 kg
		1500 kg	100 g	1500x1500 mm	ISBIL2B6PI1500S5	160.8 kg
		3000 kg	200 g	1250x1250 mm	ISBIL2B6PI1250	121.8 kg
		3000 kg	200 g	1500x1500 mm	ISBIL2B6PI1500	160.8 kg
15 kg	0.2 g	1500 kg	100 g	1250x1250 mm	ISBIL2B15PI1250S5	121.8 kg
		1500 kg	100 g	1500x1500 mm	ISBIL2B15PI1500S5	160.8 kg
		3000 kg	200 g	1250x1250 mm	ISBIL2B15PI1250	121.8 kg
		3000 kg	200 g	1500x1500 mm	ISBIL2B15PI1500	160.8 kg
30 kg	0.5 g	1500 kg	100 g	1250x1250 mm	ISBIL2B30PI1250S5	121.8 kg
		1500 kg	100 g	1500x1500 mm	ISBIL2B30PI1500S5	160.8 kg
		3000 kg	200 g	1250x1250 mm	ISBIL2B30PI1250	121.8 kg
		3000 kg	200 g	1500x1500 mm	ISBIL2B30PI1500	160.8 kg

# 4 IP68\* cells pallet-weighing scales

## ISPX / ISPXI stainless steel

CE-M approved versions: 2014/31/EU, EN 45501, OIML R76 class III, legal for trade use with CE marking and conformity assessment (Initial verification).

CAPACITY: **3000 kg**

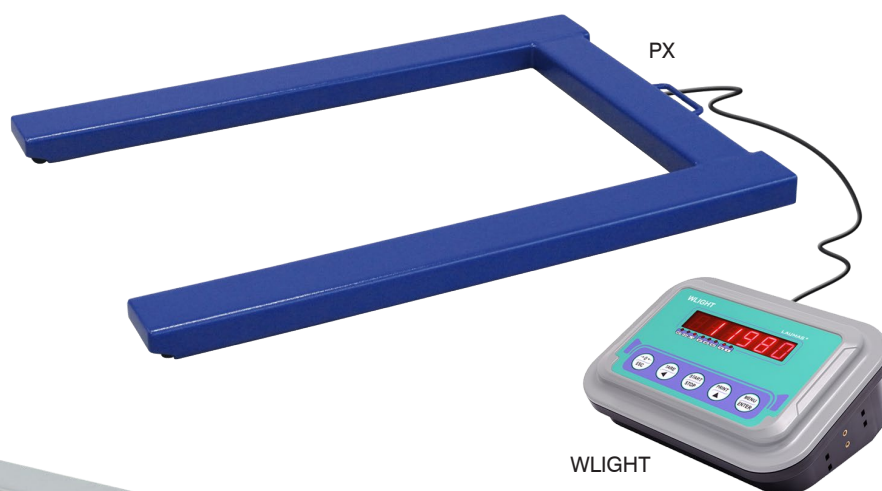
PALLET-WEIGHING: **1250x840 mm H 95 mm**

- **PX**: painted steel structure. 4 IP68 AISI 420 stainless steel shear beam load cells. Galvanized steel jointed feet.
- **PXI**: AISI 304 stainless steel structure. 4 IP68\* 17-4 PH stainless steel shear beam load cells. AISI 304 stainless steel jointed feet.
- IP67 stainless steel junction box with equalization board and 6-output wires cable.
- Wheels and handles for moving.

WEIGHT INDICATOR: **WLIGHT / WINOXR / WDESKL**

- Freestanding weight indicator or mounting on stainless steel mobile column.

On request version for hazardous areas IECEx / ATEX.



● Optional fieldbuses:

MODBUS RTU  
MODBUS/TCP

CANopen

ETHERNET  
TCP/IP

PROFINET  
BUS

PROFINET

EtherNet/IP

DeviceNet

\*) On request IP69K

## ISPX / WLIGHT



CAPACITY			DIVISION		LOADING PLAN	FREE STANDING		MOBILE COLUMN MOUNTING	
Max <sup>1</sup>	Max <sup>2</sup>		e <sup>1</sup>	e <sup>2</sup>	L x W x H mm	ITEM CODE	NET WEIGHT	ITEM CODE	NET WEIGHT
<b>FOR INTERNAL USE</b>									
<b>3000 kg</b>			200 g		1250x840x95 mm	ISPXF0A	38.9 kg	ISPXF0D	41.6 kg
<b>C3 APPROVED - 3000 divisions</b>									
<b>3000 kg</b>			1 kg		1250x840x95 mm	ISPXF1A	38.9 kg	ISPXF1D	41.6 kg
<b>C3 APPROVED - 3000 divisions - MULTIRANGE</b>									
<b>1500 kg</b>	<b>3000 kg</b>		500 g	1 kg	1250x840x95 mm	ISPXF2A	38.9 kg	ISPXF2D	41.6 kg

## ISPX / WDESKL



CAPACITY			DIVISION		LOADING PLAN	FREE STANDING		MOBILE COLUMN MOUNTING	
Max <sup>1</sup>	Max <sup>2</sup>		e <sup>1</sup>	e <sup>2</sup>	L x W x H mm	ITEM CODE	NET WEIGHT	ITEM CODE	NET WEIGHT
<b>FOR INTERNAL USE</b>									
<b>3000 kg</b>			200 g		1250x840x95 mm	ISPXD0A	38.9 kg	ISPXD0D	41.6 kg
<b>C3 APPROVED - 3000 divisions</b>									
<b>3000 kg</b>			1 kg		1250x840x95 mm	ISPXD1A	38.9 kg	ISPXD1D	41.6 kg
<b>C3 APPROVED - 3000 divisions - MULTIRANGE</b>									
<b>1500 kg</b>	<b>3000 kg</b>		500 g	1 kg	1250x840x95 mm	ISPXD2A	38.9 kg	ISPXD2D	41.6 kg

● Please refer to the weight indicator data sheet for optional Fieldbuses.

## ISPXI / WLIGHT



CAPACITY				DIVISION		LOADING PLAN	FREE STANDING		MOBILE COLUMN MOUNTING	
Max <sup>1</sup>	Max <sup>2</sup>	e <sup>1</sup>	e <sup>2</sup>	L x W x H mm	ITEM CODE	NET WEIGHT	ITEM CODE	NET WEIGHT		
<b>FOR INTERNAL USE</b>										
3000 kg		200 g		1250x840x95 mm	ISPXIF0A	38.9 kg	ISPXIF0D	41.6 kg		
<b>C3 APPROVED - 3000 divisions</b>										
3000 kg		1 kg		1250x840x95 mm	ISPXIF1A	38.9 kg	ISPXIF1D	41.6 kg		
<b>C3 APPROVED - 3000 divisions - MULTIRANGE</b>										
1500 kg	3000 kg	500 g	1 kg	1250x840x95 mm	ISPXIF2A	38.9 kg	ISPXIF2D	41.6 kg		

## ISPXI / WINOXR IP68\*



CAPACITY				DIVISION		LOADING PLAN	FREE STANDING		MOBILE COLUMN MOUNTING	
Max <sup>1</sup>	Max <sup>2</sup>	e <sup>1</sup>	e <sup>2</sup>	L x W x H mm	ITEM CODE	NET WEIGHT	ITEM CODE	NET WEIGHT		
<b>FOR INTERNAL USE</b>										
3000 kg		200 g		1250x840x95 mm	ISPXIE0A	39.5 kg	ISPXIE0D	42.2 kg		
<b>C3 APPROVED - 3000 divisions</b>										
3000 kg		1 kg		1250x840x95 mm	ISPXIE1A	39.5 kg	ISPXIE1D	42.2 kg		
<b>C3 APPROVED - 3000 divisions - MULTIRANGE</b>										
1500 kg	3000 kg	500 g	1 kg	1250x840x95 mm	ISPXIE2A	39.5 kg	ISPXIE2D	42.2 kg		

● Please refer to the weight indicator data sheet for optional Fieldbuses.

\*) On request IP69K

# Options on request for 4 cells platform scales

DESCRIPTION			OPTION CODE
Pit frame with centering plates. 800x800 mm 1000x1000 mm 1250x1250 mm 1250x1250 mm 1250x1500 mm 1500x1500 mm 1500x1500 mm	AISI 304 stainless steel	<i>PO platforms</i>	TELP800INOXN
	AISI 304 stainless steel	<i>PO platforms</i>	TELP1000INOXN
	AISI 304 stainless steel	<i>PO / P-INOXN platforms</i>	TELP1250INOXN
	cold galvanized steel	<i>P platforms</i>	TELP1250N
	cold galvanized steel	<i>P platforms</i>	TELP1200P1500N
	AISI 304 stainless steel cold galvanized steel	<i>PO / P-INOXN platforms</i> <i>P platforms</i>	TELP1500INOXN TELP1500N
Platform access ramps. 1250x1060 mm 1250x1060 mm 1500x1060 mm	AISI 304 stainless steel	<i>P-INOXN platforms</i>	P1250INOXRAMP
	painted steel	<i>P platforms</i>	P1250RAMP
	painted steel	<i>P platforms</i>	P1500RAMP
Linearity test - Up to 3000 kg.			TARATURA
Alibi memory for approved weight indicators			OPZWALIBI
Non-standard capacity (max) and division (e) version.			PORTATA4
Desk thermal printer, 32 columns with RTC (clock calendar).			STAVTII
<i>WTABR weight indicator</i> → <i>Integrated thermal printer.</i>			OPZWATABSTA
IP65 external remote display with traffic light in anodised aluminum profile. Red/green LED display, 6 digit (h 95 mm).			RIP6100IP65
IP30 digital remote display in painted aluminum profile. Red LED display, 6 digit (h 100 mm).			RIP6100N
Declaration of conformity + IP69K* marking protection rating. <i>Load cells of 4 cells platform</i> <i>WINOXR weight indicator</i>			IPX9K IPX9KWINOXRP
<i>WLIGHT weight indicator</i> → 8 NiMH rechargeable batteries, 1.2 V, AA type.			OPZWBATTWLIGHT
<i>WDESKL weight indicator</i> → 8 NiMH rechargeable batteries, 1.2 V, AA type, non-removable.			OPZWBATTWDESK
<i>WINOXR weight indicator</i> → 12.2 V rechargeable lead battery, 2.8 Ah capacity.			OPZWBATTWINOX
<i>WTABR weight indicator</i> → 12.2 V rechargeable lead battery, 2.8 Ah capacity.			OPZWBATTWTAB
ATEX versions with the declaration of conformity of whole system.			
IECEX versions.			

\*) Water protection in case of high-pressure or steam jet cleaning (test: pressurized water is sprayed from a distance of max 150 mm)  
Water pressure: 100 bar; temperature: 80 °C; test duration: 250 seconds (reference standard: DIN 40050-9)



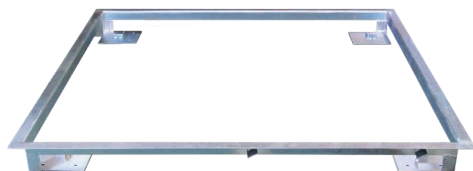
STAVTII



RIP6100IP65



RIP6100N



TELP\_INOXN / TELPN



P\_RAMP



P\_INOXRAMP

# Pallet truck scale

## TP

CE-M approved versions: 2014/31/EU, EN 45501, OIML R76 class III, legal for trade use with CE marking and conformity assessment (Initial verification).

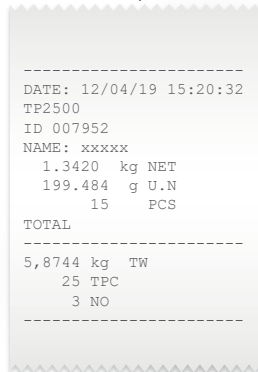
- Pallet truck scale with integrated weighing system.
- High strength steel forks (4 mm thick).
- IP67 weight indicator with WDESKL LCD display.
- 4 IP68 AISI 420 stainless steel shear load cells.
- Rubber steering wheels (Ø200 mm) and polyurethane fork roller.
- Removable rechargeable lead battery 12V 7 Ah, supplied mounted inside the pallet truck scale.
- Power supply included.

Switch inclinometer included in the approved version: maximum inclination 3.5%.



CAPACITY			DIVISION			LOADING PLAN	ITEM CODE	NET WEIGHT
Max <sup>1</sup>	Max <sup>2</sup>	Max <sup>3</sup>	e <sup>1</sup>	e <sup>2</sup>	e <sup>3</sup>	L x W x H mm		
<b>FOR INTERNAL USE</b>								
2500 kg			200 g			1155x560x85 mm (H 85 ÷ 205 mm)	TP2500	118 kg
<b>C3 APPROVED - 3000 divisions - MULTIRANGE</b>								
1500 kg		2500 kg	500 g		1 kg	1155x560x85 mm (H 85 ÷ 205 mm)	TP2500M	118 kg
<b>OPTIONS ON REQUEST</b>								
Integrated thermal printer							OPZTPSTA	
Alibi memory for approved weight indicators							OPZWALIBI	

Example of receipt printed with integrated thermal printer on request



# Approved digital crane scales

## DTA

| Suitable for bridge cranes |

CE-M certificate: 2014/31/EU, EN 45501, OIML R76 class III legal for trade use with CE marking and conformity assessment (Initial verification) compliant to Machinery Directive 2006/42/EC and EN 13155.

- Approved die-cast aluminum crane scale with top shackle and swivel bottom hook.
- 6-digit backlit LCD display (30 mm height) with power saving function.
- Rechargeable internal battery 7.4 V 5200 mAh, approx. 60-hour continued operating time.
- External battery charger 100-240 VAC/12 VDC 2500 mAh included in the supply.
- Remote control with operating range up to 20 m free field.
- Net weight and gross indicator.
- Tare weight zero setting.
- High resolution display.
- Battery charge level control.



CAPACITY Max	DIVISION e	ITEM CODE	NET WEIGHT
<b>C3 APPROVED - 3000 divisions</b>			
600 kg	200 g	DTA600	8.5 kg
1500 kg	500 g	DTA1.5T	8.5 kg
3000 kg	1 kg	DTA3T	9.9 kg
6000 kg	2 kg	DTA6T	17 kg
12000 kg	5 kg	DTA12T	20 kg





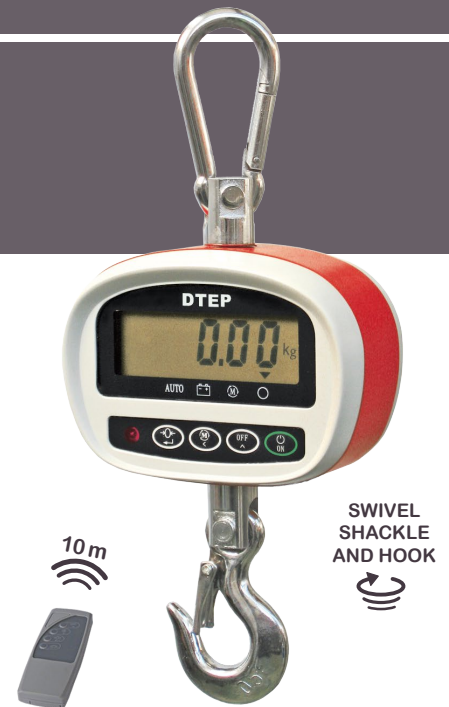
# Digital crane scales

## DTEP

- ABS crane scale with top swivel shackle and bottom swivel hook.
- 5-digit backlit LCD display (20 mm height), 7 segment with power saving function.
- 4 AA 1.5V batteries, 80-hour operating time.
- Remote control with operating range up to 10 m free field.
- Tare weight zero setting.



CAPACITY Max	DIVISION e	ITEM CODE	NET WEIGHT
<b>FOR INTERNAL USE</b>			
50 kg	10 g	DTEP50 <i>green</i>	1.2 kg
150 kg	20 g	DTEP150 <i>yellow</i>	1.2 kg
300 kg	50 g	DTEP300 <i>red</i>	1.2 kg
<b>OPTIONS ON REQUEST</b>			
Linearity test		TARATURA	



## DTER

| Suitable for bridge cranes |

- Diacast aluminum crane scale with top shackle and swivel bottom hook.
- 5-digit red LED display (30 mm height), 7 segment with power saving function.
- Rechargeable internal battery 6V 5Ah, 80-hour operating time. (spare battery included in the supply).
- External battery charger 230 VAC/9 VDC 1A included in the supply.
- Remote control with operating range up to 10 m free field.
- Tare weight zero setting.
- Predetermined tare setting.
- Net weight and gross indicator.
- Hold function (block of the displayed weight).
- Memory overload.
- Individual weighing and weights totalization.



CAPACITY Max	DIVISION e	ITEM CODE	NET WEIGHT
<b>FOR INTERNAL USE</b>			
3000 kg	500 g	DTER3	11.5 kg
5000 kg	1 kg	DTER5	15.5 kg
<b>OPTIONS ON REQUEST</b>			
Linearity test			



# Digital crane scales

## DTEN

| Suitable for bridge cranes |

- Diacast aluminum crane scale with top shackle and bottom hook.
- 5-digit red LED display (30 mm height), 7 segment with power saving function.
- DTEN500/1: rechargeable internal battery 6V 5Ah, 80-hour operating time;
- DTEN3/5/10/20: rechargeable internal battery 6V 10Ah, 140-hour operating time.
- External battery charger 230 VAC/9 VDC 1A.
- Remote control with operating range up to 10 m free field.
- Steady weight acoustic alarm.
- Hold function (block of the displayed weight).
- Individual weighing and weights totalization.
- Predetermined tare setting.
- Net weight and gross indicator.
- Tare weight zero setting.
- Memory overload.



CAPACITY Max	DIVISION e	ITEM CODE	NET WEIGHT
<b>FOR INTERNAL USE</b>			
500 kg	100 g	DTEN500	4.8 kg
1000 kg	200 g	DTEN1	4.8 kg
3000 kg	500 g	DTEN3	15.8 kg
5000 kg	1 kg	DTEN5	23.2 kg
10000 kg	2 kg	DTEN10	46 kg
20000 kg	5 kg	DTEN20	75 kg
<b>OPTIONS ON REQUEST</b>			
Linearity test			



## DTE

| Suitable for bridge cranes |

- Diacast aluminum crane scale with top shackle and bottom hook.
- 5-digit red LED display (58 mm height), 7 segment.
- Rechargeable internal battery 6V 10Ah, 80-hour operating time, external battery charger 230 VAC/9 VDC 1A.
- Remote control with operating range up to 15 m free field.
- Automatic power saving function.
- Steady weight signaling LED.
- Net weight and gross indicator.
- Hold function (block of the displayed weight).
- Memory overload.
- Individual weighing and weights totalization.
- Tare weight zero setting.



CAPACITY Max	DIVISION e	ITEM CODE	NET WEIGHT
<b>FOR INTERNAL USE</b>			
30000 kg	5 kg	DTE30	175 kg
<b>OPTIONS ON REQUEST</b>			
Linearity test			



# Portable digital crane scales

## DTEZ

- High-strength aluminum alloy crane scales (capacity 3000/5000 kg) and steel crane scales (capacity 10000/20000/30000 kg).
- 5-digit backlit LCD display (25 mm height), 7 segment with power saving function.
- 3 AA 1.5V batteries, 50-hour operating time.
- Remote controls with operating range up to 15 m free field (options on request).
- Steady weight signaling LED.
- Displaying of the maximum weight value reached (peak).
- Weight totalizing.
- Tare weight zero setting.
- Net weight and gross indicator.
- Print receipts with weighing data via remote control with printer option.



\* Aluminum briefcase included.



CAPACITY Max	DIVISION e	ITEM CODE	NET WEIGHT
<b>FOR INTERNAL USE</b>			
<b>3000 kg *</b>	1 kg	DTEZ3 <i>aluminum</i>	6.4 kg
<b>5000 kg *</b>	2 kg	DTEZ5 <i>aluminum</i>	8.8 kg
<b>10000 kg *</b>	5 kg	DTEZ10 <i>steel</i>	24 kg
<b>20000 kg</b>	10 kg	DTEZ20 <i>steel</i>	45 kg
<b>30000 kg</b>	10 kg	DTEZ30 <i>steel</i>	62 kg

OPTIONS ON REQUEST	
Remote control for automatic calibration and weight display via radio	TELEDTEZ
Remote control with printer for automatic calibration and weight display via radio	TELEDTEZPRINT
Hook for capacity: - up to 3000 kg - 3000÷5000 kg - 5000÷10000 kg	GANCIO3TDTEZ GANCIO5TDTEZ GANCIO10TDTEZ
Linearity test	



TELEDTEZ



TELEDTEZPRINT



GANCIO\_DTEZ

# Bench counting scales

## LACSN

- Stainless steel loading plate.
- 6-digit backlit LCD display (30 mm height).
- 8-key waterproof keyboard.
- Bubble level and adjustable feet.
- Rechargeable internal battery 4 V 4 Ah.
- Operating time: 70 hours.
- Power supply included.
- Weight indication.
- Piece counting.
- Weight indication as a percentage.
- RS232 output for connection to PC.
- Weight checking (HIGH/LOW) with acoustic alarm.



CAPACITY Max	DIVISION e	LOADING PLATE	ITEM CODE	NET WEIGHT
<b>FOR INTERNAL USE</b>				
<b>6 kg</b>	0.2 g	230x335 mm	LACSN6	2.8 kg
<b>15 kg</b>	0.5 g	230x335 mm	LACSN15	2.8 kg
<b>30 kg</b>	1 g	230x335 mm	LACSN30	2.8 kg
<b>OPTIONS ON REQUEST</b>				
Linearity test			TARATURA50	

# Bench counting scales

## BIL

CE-M approved versions: 2014/31/EU, EN 45501, OIML R76 class III, legal for trade use with CE marking and conformity assessment (Initial verification).

- Stainless steel loading plate.
- RS232 output for connection to PC or external printer.
- 6-digit backlit LCD display (24 mm height).
- 7-key waterproof keyboard.
- Bubble level and adjustable feet..
- Rechargeable internal battery, 6 V 4 Ah capacity.
- Operating time: 70 hours.
- Power supply included.
- Auto power-off.
- Piece counting with sequence display of: number of pieces, average unit weight, total weight of the pieces on the scale.
- Automatic/manual totalization of the weighings.
- Weight indication as a percentage.
- Weight/pieces/percentage checking (HIGH/LOW) with acoustic and visual alarm.
- Optional receipt printing via STAVT II external printer: customizable header, date, time, net weight, average unit weight, number of pieces on the scale, total weight, total number of pieces.



CAPACITY		DIVISION		LOADING PLATE	ITEM CODE	NET WEIGHT
Max <sup>1</sup>	Max <sup>2</sup>	e <sup>1</sup>	e <sup>2</sup>			
<b>FOR INTERNAL USE</b>						
6 kg		0.1 g		225x295 mm	BIL6	3.9 kg
15 kg		0.2 g		225x295 mm	BIL15	3.9 kg
30 kg		0.5 g		225x295 mm	BIL30	3.9 kg

### C3 APPROVED - 3000 division - MULTIRANGE

3 kg	6 kg	1 g	2 g	225x295 mm	VERIBIL6	
6 kg	15 kg	2 g	5 g	225x295 mm	VERIBIL15	
15 kg	30 kg	5 g	10 g	225x295 mm	VERIBIL30	

### OPTIONS ON REQUEST

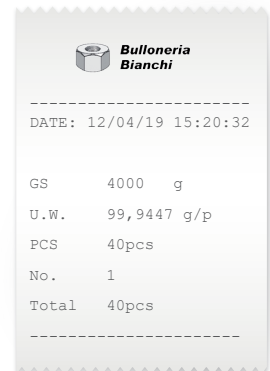
Linearity test	TARATURA50
Desk thermal printer, 32 columns with RTC (clock calendar).	STAVTII
Stainless steel deep tray. L 300 x W 230 x H 40 mm	PIATTOBAC



PIATTOBAC



STAVTII  
Example of receipt printed  
via optional printer



# Bench counting scales

## BIL2B

- Stainless steel loading plate.
- RS232 output for connection to PC or external printer.
- Remote platform input (connector included).
- 3x 6-digit backlit LCD display (20 mm height).
- 20-key waterproof keyboard.
- Bubble level and adjustable feet.
- Rechargeable internal battery, 6V 4 Ah.
- Operating time: 70 hours.
- Power supply included.
- Auto power-off.
- Piece counting with simultaneous display of: number of pieces, average unit weight, total weight of the pieces on the scale.
- 100 storable items (PLU) with the following parameters: name, preset tare value, average unit weight.
- Automatic/manual totalization of the weighings.
- Weight indication as a percentage.
- Weight/pieces/percentage checking (HIGH/LOW) with acoustic and visual alarm.
- Optional receipt printing via STAVT II external printer: customizable header, date, time, item name, scale ID, scale type, net weight, average unit weight, number of pieces on the scale, total weight, total number of pieces.



CAPACITY Max	DIVISION e	LOADING PLATE	ITEM CODE	NET WEIGHT
<b>FOR INTERNAL USE</b>				
6 kg	0.1 g	225x295 mm	BIL2B6	4.8 kg
15 kg	0.2 g	225x295 mm	BIL2B15	4.8 kg
30 kg	0.5 g	225x295 mm	BIL2B30	4.8 kg

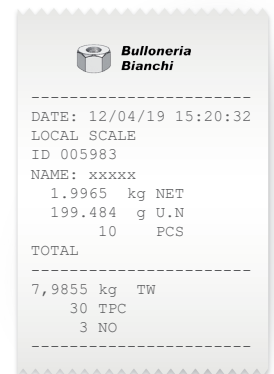
OPTIONS ON REQUEST	
Linearity test	TARATURA50
Desk thermal printer, 32 columns with RTC (clock calendar).	STAVTII
Stainless steel deep tray. L 300 x W 230 x H 40 mm	PIATTOBAC



PIATTOBAC



STAVTII  
Example of receipt printed  
via optional printer



**ISBIL2B Series counting scales connectable to remote weighing platform for weighing and counting of the large quantities:**

- ACN / AIN / MN single cell platforms
- P / P-INOXN 4 cells platforms

for details see pages 33-34-35

# Precision pocket scales

## LBIL

- Compact professional electronic scales for weighing operations anywhere.
- 5-digit backlit LCD display (14 mm height).
- Protection cover.
- Stainless steel loading plate.
- Waterproof keyboard.
- AAA 1.5V batteries, 80-hour operating time.
- Tare weight zero setting.



LBIL3000



LBIL500

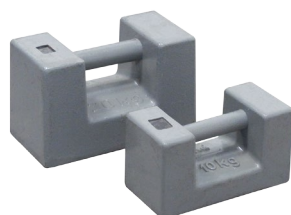
CAPACITY Max	DIVISION e	LOADING PLATE	ITEM CODE	NET WEIGHT
<b>FOR INTERNAL USE</b>				
<b>0.5 kg</b>	0.05 g	60x60 mm	LBIL500	100 g
<b>3 kg</b>	0.1 g	84x68 mm	LBIL3000	280 g
<b>OPTIONS ON REQUEST</b>				
Linearity test			TARATURA50	

# Sample weights

## PC



HT150 painted cast iron masses with handle



Aluminum case with carrying handle

NOMINAL VALUE	TOLERANCE	DIMENSIONS L x W x H mm	ITEM CODE
<b>M1 accuracy class according to OIML R111-1</b>			
<b>5 kg</b>	± 250 mg	152x77x84 mm	PC5M1
<b>10 kg</b>	± 500 mg	193x97x109 mm	PC10M1
<b>20 kg</b>	± 1000 mg	234x117x139 mm	PC20M1
<b>OPTIONS ON REQUEST</b>			
Case - mass 5 kg			BOXPC5M1
Case - mass 10 kg			BOXPC10M1
Case - mass 20 kg			BOXPC20M1

# Weight indicators



MODBUS RTU

CE-M approved versions: 2014/31/EU, EN 45501, OIML R76 class III, legal for trade use with CE marking and conformity assessment (Initial verification).

## Description:

- ABS weight indicator (dim.: 120x200x280 mm). IP40 protection rating.
- 6-digit semi-alphanumeric red LED display (20 mm height). 8 signaling LED.
- 5-key keyboard. Real-time clock/calendar with buffer battery.
- Display range 999999.
- Universal power supply included 24 VDC/1 A - 100-240 VAC input.
- Installation: desk, wall, column.
- Designed to operate with 8 NiMH rechargeable batteries, 1.2 V, AA type (not included).
- IP40 D-SUB connectors.
- RS232 serial ports (ModBus RTU, ASCII Laumas) for PC/PLC, printer or remote display connection.

## Main functions:

- Piece counting.
- Weight totalizing.
- Tare weight zero setting.
- Automatic zero setting at power-on.
- Gross weight zero tracking.
- Net/Gross function for manual batchings.
- Semi-automatic tare (net/gross weight) and preset tare
- Semi-automatic zero.
- Displaying of the maximum weight value reached (peak).
- Direct connection between RS485 and RS232 without converter.
- Optional: print of gross weight, net weight, tara (date, time, logo, customer header with external printer).
- Minimum input signal for scale verification division 0.2  $\mu$ V/VSI.

## WLIGHT



Stainless steel bracket for wall mounting



Indicator-holder bracket and column



# Weight indicators



CE-M approved versions: 2014/31/EU, EN 45501, OIML R76 class III, legal for trade use with CE marking and conformity assessment (Initial verification).

## Description:

- **WDESKL:** ABS weight indicator, desk version with 6 M16x1.5 cable glands (dim.: 122x226x164 mm). IP67 protection rating. 6-digit backlit LCD semi-alphanumeric display (20 mm height), 7 segment - 46 indicator symbols.
- **WINOXR:** AISI 304 stainless steel weight indicator with adjustable bracket (dim. with bracket: 206x290x187 mm; dim. without bracket: 206x286x108 mm). 6 M16x1.5 cable glands. IP68\* protection rating. 6-digit semi-alphanumeric red LED display (20 mm height) - 16 signaling LED.
- 6-key keyboard.
- Real-time clock/Calendar with buffer battery.
- Display range: 999999.
- Universal power supply 24 VDC/1 A - 100÷240 VAC input.
- Installation: desk, wall, column, front panel.
- 5 relay digital outputs, 3 optoisolated PNP digital inputs.
- RS485/RS232 serial ports (ModBus RTU, ASCII Laumas).
- Connections to intelligent junction boxes or to other Multi-channel instruments.
- Different instrument versions for various connections types: cable glands, D-SUB connectors, removable terminal board and connectors.
- Current or voltage 16 bit analog output (on request).
- Ethernet and USB port (on request)
- WiFi module (on request).
- Optional fieldbuses (on request).

## Main functions:

- Single/multi product batching program; 99 settable formulas.
- On request formulas selection by external selector switch.
- Piece counting.
- Weight totalizing.
- Tare weight zero setting.
- Automatic zero setting at power-on.
- Gross weight zero tracking.
- Semi-automatic tare (net/gross weight) and preset tare.
- Semi-automatic zero.
- Displaying of the maximum weight value reached (peak).
- Direct connection between RS485 and RS232 without converter.
- Hysteresis and setpoint value setting.
- Optional: weight value printing with date and time via keyboard or external contact.
- Minimum input signal for scale verification division 0.2  $\mu\text{V}/\text{VSI}$ .

## WDESKL



M16x1.5 Standard version - IP67



ATEX II 3GD version (zone 2-22)



Indicator-holder bracket and column



Stainless steel bracket for wall mounting

## WINOXR IP68\* IECEx EAC Ex



Stainless steel bracket for wall mounting



M16x1.5 Standard version - IP68\*



Indicator-holder bracket and column



ATEX II 3GD version (zone 2-22)  
IECEx version (zone 2-22)



Desk version

• Optional fieldbuses:

MODBUS/TCP

CANopen

ETHERNET TCP/IP

PROFIBUS

PROFINET

EtherNet/IP

DeviceNet

\*) On request IP69K

# Weight indicators



CE-M approved versions: 2014/31/EU, EN 45501, OIML R76 class III, legal for trade use with CE marking and conformity assessment (Initial verification).

MODBUS RTU

## Description:

- ABS desk weight indicator (dim.: 315x315x170 mm). IP40 protection rating. Real-time clock/calendar with buffer battery.
- **WTABR**: 6-digit semi-alphanumeric red LED display (20 mm height) - 16 signaling LED. 8-key keyboard.
- **WTABG**: backlit LCD graphic display, resolution: 240x64 pixel, visible area: 133x39 mm. 50-key keyboard.
- Display range: 999999.
- Universal power supply included 24 VDC/1 A - 100÷240 VAC input.
- 5 relay digital outputs, 3 optoisolated PNP digital inputs.
- RS485/RS232 serial ports (ModBus RTU, ASCII Laumas).
- Connections to intelligent junction boxes or to other Multi-channel instruments.
- D-SUB connectors.
- Current or voltage 16 bit analog output (on request).
- Ethernet and USB port (on request)
- WiFi module (on request).
- Integrated thermal printer (on request): 24 column, paper end sensor, working temperature: 0÷50 °C, humidity: 20%÷80%, paper roll included (width: 57 ±0.5 mm - outside diameter: 50 mm).
- Barcode reader and PC keyboard management via USB (WTABG)
- Optional fieldbuses (on request).

## Main functions:

- Piece counting.
- Weight totalizing.
- Tare weight zero setting.
- Automatic zero setting at power-on.
- Gross weight zero tracking.
- Semi-automatic tare (net/gross weight) and preset tare.
- 9 preset tare values that can be stored.
- Semi-automatic zero.
- Displaying of the maximum weight value reached (peak).
- Direct connection between RS485 and RS232 without converter.
- Hysteresis and setpoint value setting.
- Weight value printing with date and time via keyboard or external contact.
- **TCP/IP WEB APP**: integrated software in combination with the WiFi module and Ethernet TCP/IP options for remote supervision, management and control of the instrument.
- Minimum input signal for scale verification division 0.2 μV/VS1.

## WTABG specific functions:

- Statistical checking of prepackages.
- 99 items database with association of a preset tare value, 3 setpoint values and 2 values for weight thresholds function (HIGH/LOW).
- Weight thresholds function (HIGH/LOW) shown on the display.
- Customizable name of the production lot.
- Support for USB barcode reader.
- Zeroing of the weighings progressive number.
- Barcodes printing by lot name, item name, weighings progressive number.

## WTABR

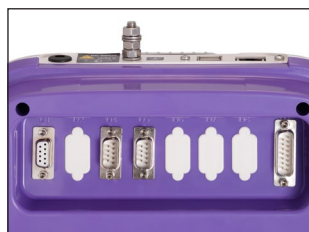


## WTABG

STATISTICAL CHECKING OF PREPACKAGES



Statistical checking of prepackages



D-SUB connectors - IP40



Integrated thermal printer (on request)

• Optional fieldbuses:

MODBUS/TCP

CANopen

ETHERNET TCP/IP

PROFINET

PROFINET

EtherNet/IP

DeviceNet

# Multi-channel weight transmitters



CE-M approved versions: 2014/31/EU, EN 45501, OIML R76 class III, legal for trade use with CE marking and conformity assessment (Initial verification).

**Description:**

- The Multi-channel weight transmitters allow to have same benefits and performance of an advanced digital weighing system even using analog load cells.
- TLB4:** 6-digit red LED semialphanumeric display (8 mm height), 7 segment - 6 indicator LED. 4 buttons for the system calibration. 4 load cell dedicated inputs. 3 relay logic outputs, 2 optoisolated PNP logic inputs. RS485 serial port. Front panel or back panel mounting on Omega/DIN rail. Extractable screw terminal boards.
- TLM8:** Backlit graphic LCD display, transmissive STN, white on blue, 128x64 pixel resolution, 60x32 mm visible area. 5-key keypad for the system calibration. 8 load cell dedicated inputs. 5 relay digital outputs, 3 optoisolated PNP digital inputs. RS485 serial port. Current or voltage 16 bit analog output. Back panel mounting on Omega/DIN rail or IP67 junction box for field mounting (on request box versions). Extractable screw terminal boards.
- CLM8:** Backlit alphanumeric LCD display, two-line by 8-digit (5 mm height), visible area: 38x16 mm. 4-key keyboard. 8 load cell dedicated inputs. RS485/RS232 serial ports. Lightning and electrical shock protection device. Available in: naked version (board only), or for back panel mounting on Omega/DIN rail version or in box version; IP67 polycarbonate box; IP67 stainless steel AISI 304 box; IP67 ABS box.
- Display range: 999999.
- Optional fieldbuses (on request only for TLB4 and TLM8).

**Main functions:**

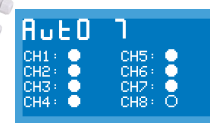
- 4 or 8 independent channels for load cells: monitoring and direct management of each connected load cell.
- Digital equalization.
- Load distribution analysis on the 4 or 8 channels with backups archive: storing, consultation, printing (TLM8: load distribution synoptic analysis).
- Load and zero automatic diagnostics. TEST key on TLM8 for direct access to the diagnostic functions.
- Event log: data backups archive.
- All multi-channel functions can be managed by a weight indicator W series connected via RS485 serial port (excluding indicators with graphic display).
- Tare weight zero setting.
- Automatic zero setting at power-on.
- Gross weight zero tracking.
- Semi-automatic tare (net/gross weight) and preset tare.
- Semi-automatic zero.
- Direct connection between RS485 and RS232 without converter.
- Hysteresis and setpoint value setting.

## TLB4 4 INDEPENDENT CHANNELS



Front panel mounting (fixing kit included)

## TLM8 8 INDEPENDENT CHANNELS

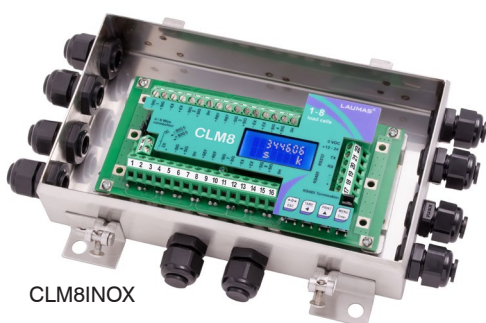


Activity status of the 8 channels

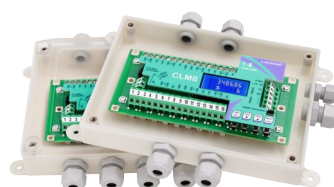


Load distribution value in % on each active channel

## CLM8 INTELLIGENT JUNCTION BOX 8 INDEPENDENT CHANNELS



CLM8INOX



CLM8ABS



IP67 box version



CLM8I



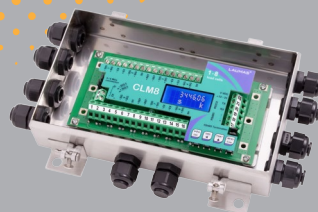
CLM8

INCLINOMETER function (on request)

Tilt compensation of the weighing system up to ±10 degrees via inclinometer (not included). The weight correction is also valid for systems approved for legal for trade use.



WEIGHING PLATFORMS AND MODULES - BENCH SCALES  
COUNTING SCALES - CRANE SCALES - PALLET TRUCK SCALES



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