

 600 kg  
5.000 kg

DESIGNED  
IN EUROPE 



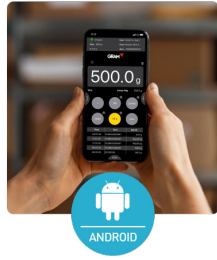
## High durability for extreme use, legally-approved

- Digital scale with CE-M Verification (1) for legal use and up to two 3000-division ranges.
- Dual-frame construction, ball bearings, and a bolted top plate.
- Top opening for quick assembly and maintenance of sensors.
- Coated with double-layer epoxy, and C3 Class sensors with IP67 protection.
- Fully autonomous, it sends data to an indicator, PC, tablet, or Android smartphone (2).
- Web Server to send data to Chrome, Edge, and Safari browsers.
- Ready for high connectivity (Industry 4.0).
- Maximum security: important adjustment and calibration data are safeguarded inside the platform.
- Total flexibility: Sends data via cable, Ethernet (3), WiFi (3), or RS485 (3).

(1) Models without CE-M verification are also available.

(2) With WiFi option.

(3) Optional.



**ZLINK**   
DIGITAL CONNECTION

**XTREM**  
DIGITAL WEIGHING TECHNOLOGY

**ZLink® secure digital connectivity**

- Multiple connection options with indicators, PC software and Android smartphone.
- Fully digital platforms that include all data in its internal XTREM® module.
- Greater safety and reliability due to digital communication between platform, indicators and PC or Android software.
- Data sent directly to PC or smartphone by optional WiFi in the platform's own XTREM® module.
- Connection of multiple platforms via Wi-Fi or Ethernet router, for central management.
- Web Server for data capture from Chrome, Edge and Safari browsers (with WiFi connections).



**Digital core**

XTREM® digital module integrated inside the platform structure.

The most advanced technology for maximum data security.

**Advanced connectivity**

Our XTREM® equipment connects directly <sup>(1)</sup> to the Ethernet, Wifi or RS485 without intermediate equipment.

(1) Optional.

---

**Wired and wireless connections**

XTREM Buffalo scales can be connected to our indicators via cable or through WiFi connection.

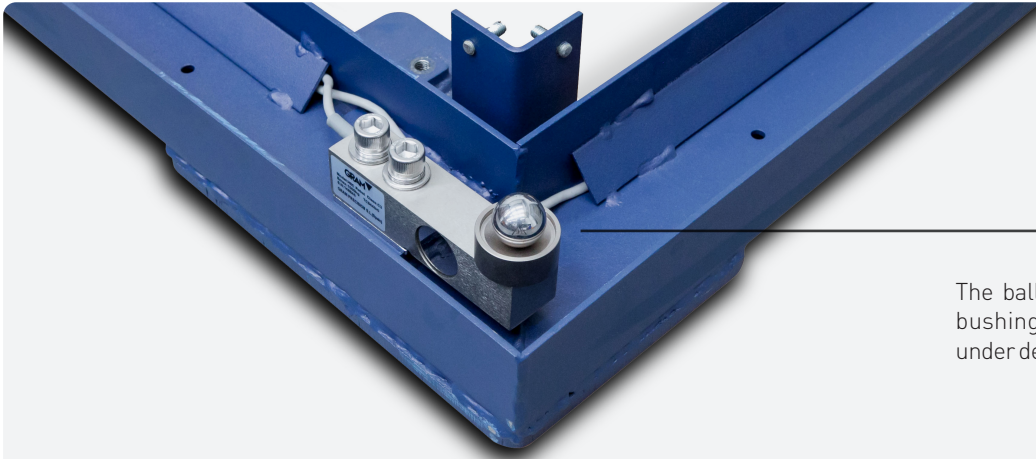


---

**Easy maintenance**

Removable plate to access the electronics and internal sensors.



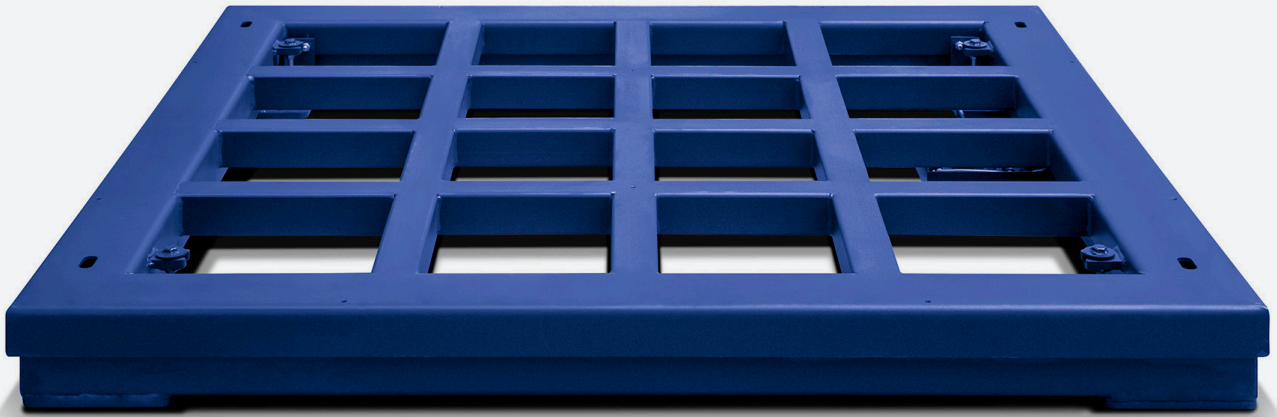


**Very durable**

The ball bearings and hardened bushings allow reliable results under demanding daily conditions.

**Reinforced double structure**

Highly durable upper and lower chassis.



**Reinforced Cable**

Steel-armored tube for power connection to the network or indicator, for maximum durability and reliability.





## ▶ TECHNICAL DATA

## VERIFICATED MODELS

Model	M	XTREM Buffalo 1212 / 600	XTREM Buffalo 1212 / 1,5T	XTREM Buffalo 1212 / 3T	XTREM Buffalo 1212 / 5T	XTREM Buffalo 1512 / 1,5T	XTREM Buffalo 1512 / 3T	XTREM Buffalo 1512 / 5T	
Reference		71871M	71613M	71614M	71880M	71615M	71578M	71598M	
Capacity		300 / 600 kg	600 / 1500 kg	1500 / 3000 kg	3000 / 5000 kg	600 / 1500 kg	1500 / 3000 kg	3000 / 5000 kg	
Resolution		100 / 200 g	200 / 500 g	500 / 1000 g	100 / 200 g	200 / 500 g	500 / 1000 g	200 / 500 g	
Maximum error		± 0,1 %							
Weighing units		g, kg							
Class		OIML $\text{M}^{\text{E}}$							
Tare range		- Max2							
Conectivity		RS232C, Ethernet <sup>(1)</sup> , WiFi <sup>(1)</sup> , RS485 <sup>(1)</sup>							
Transmission speed		9600, 19200, 38400, 57600, 115200 bauds							
Power		Adapter 230 V/50 Hz (Euro) 7,5 V DC or via indicator							
Working temperature		-10°C / +40°C							
Upper surface thickness		5 mm							
Structure		Steel coated in kiln-fired epoxy resin							
Load sensors		4 x H8C Rebel IP67							
Connections box		Hermetic with IP68 protection, in AISI 304 stainless steel							
Dimensions (mm)		1200 x 1200				1200 x 1200			
Minimum heigh (mm)		128							
Platform net weight (kg)		198				238			
Packaging dim. (mm)		1210 x 1210 x 150				1510 x 1210 x 150			
Total weight with packaging (kg)		215				255			

Model	XTREM Buffalo 1515 / 1,5T	XTREM Buffalo 1515 / 3T	XTREM Buffalo 1515 / 5T	XTREM Buffalo 2015 / 1,5T	XTREM Buffalo 2015 / 3T
Reference	71617M	71436M	71882M	71618M	71619M
Capacity	600 / 1500 kg	1500 / 3000 kg	3000 / 5000 kg	600 / 1500 kg	600 / 1500 kg
Resolution	200 / 500 g	500 / 1000 g	100 / 200 g	200 / 500 g	200 / 500 g
Maximum error	± 0,1 %				
Weighing units	g, kg				
Class	OIML $\text{M}^{\text{E}}$				
Tare range	- Max2				
Conectivity	RS232C, Ethernet <sup>(1)</sup> , WiFi <sup>(1)</sup> , RS485 <sup>(1)</sup>				
Transmission speed	9600, 19200, 38400, 57600, 115200 bauds				
Power	Adapter 230 V/50 Hz (Euro) 7,5 V DC or via indicator				
Working temperature	-10°C / +40°C				
Upper surface thickness	5 mm				
Structure	Steel coated in kiln-fired epoxy resin				
Load sensors	4 x H8C Rebel IP67				
Connections box	Hermetic with IP68 protection, in AISI 304 stainless steel				
Dimensions (mm)	1500 x 1500			2000 x 1500	
Minimum heigh (mm)	128				
Platform net weight (kg)	281			365	
Packaging dim. (mm)	1510 x 1510 x 150			2010 x 1510 x 150	
Total weight with packaging (kg)	299			390	

(1) Non-simultaneous options.

## ▶ TECHNICAL DATA

## NON VERIFICATED MODELS

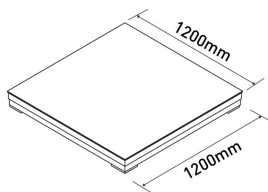
Model	<b>M</b>	XTREM Buffalo 1212 / 600	XTREM Buffalo 1212 / 1,5T	XTREM Buffalo 1212 / 3T	XTREM Buffalo 1212 / 5T	XTREM Buffalo 1512 / 1,5T	XTREM Buffalo 1512 / 3T	XTREM Buffalo 1512 / 5T
Reference		71871	71613	71614	71880	71615	71578	71598
Capacity		600 kg	1500 kg	3000 kg	5000 kg	1500 kg	3000 kg	5000 kg
Resolution		100 g	200 g	500 g	1000 g	200 g	500 g	1000 g
Maximum error		± 0,1 %						
Weighing units		g, kg						
Class		OIML $\text{M}$						
Tare range		- Max2						
Conectivity		RS232C, Ethernet <sup>(1)</sup> , WiFi <sup>(1)</sup> , RS485 <sup>(1)</sup>						
Transmission speed		9600, 19200, 38400, 57600, 115200 bauds						
Power		Adapter 230 V/50 Hz (Euro) 7,5 V DC or via indicator						
Working temperature		-10°C / +40°C						
Upper surface thickness		5 mm						
Structure		Steel coated in kiln-fired epoxy resin						
Load sensors		4 x H8C Rebel IP67						
Connections box		Hermetic with IP68 protection, in AISI 304 stainless steel						
Dimensions (mm)		1200 x 1200				1200 x 1200		
Minimum heigh (mm)		128						
Platform net weight (kg)		198				238		
Packaging dim. (mm)		1210 x 1210 x 150				1510 x 1210 x 150		
Total weight with packaging (kg)		215				255		

Model	XTREM Buffalo 1515 / 1,5T	XTREM Buffalo 1515 / 3T	XTREM Buffalo 1515 / 5T	XTREM Buffalo 2015 / 1,5T	XTREM Buffalo 2015 / 3T
Reference	71617	71436	71882	71618	71619
Capacity	1500 kg	3000 kg	5000 kg	1500 kg	3000 kg
Resolution	200 g	500 g	1000 g	200 g	500 g
Maximum error	± 0,1 %				
Weighing units	g, kg				
Class	OIML $\text{M}$				
Tare range	- Max2				
Conectivity	RS232C, Ethernet <sup>(1)</sup> , WiFi <sup>(1)</sup> , RS485 <sup>(1)</sup>				
Transmission speed	9600, 19200, 38400, 57600, 115200 bauds				
Power	Adapter 230 V/50 Hz (Euro) 7,5 V DC or via indicator				
Working temperature	-10°C / +40°C				
Upper surface thickness	5 mm				
Structure	Steel coated in kiln-fired epoxy resin				
Load sensors	4 x H8C Rebel IP67				
Connections box	Hermetic with IP68 protection, in AISI 304 stainless steel				
Dimensions (mm)	1500 x 1500			2000 x 1500	
Minimum heigh (mm)	128				
Platform net weight (kg)	281			365	
Packaging dim. (mm)	1510 x 1510 x 150			2010 x 1510 x 150	
Total weight with packaging (kg)	299			390	

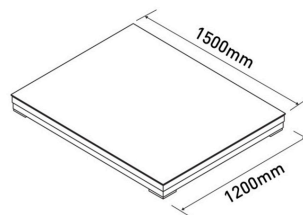
(1) Opciones no simultáneas.

▶ EXTERNAL DIMENSIONS

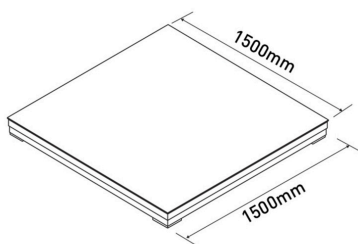
**XTREM Buffalo 1212**



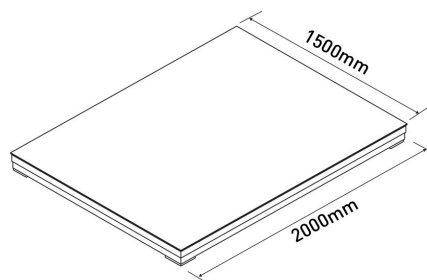
**XTREM Buffalo 1512**



**XTREM Buffalo 1515**



**XTREM Buffalo 2015**



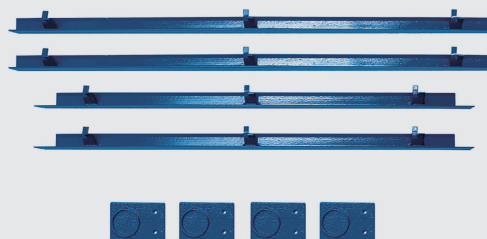
▶ PLATFORM ACCESSORIES

**PLATAFORM ACCESSORIES**

**1 Pit frames:** Painted steel frame made up of four perimeter plates and four centering plates for the scale feet. Allows for recessed installation in the floor.

**2 ZLink® Connections:** Connection cable. Included as standard on the 4.5m long model.

1



2

**ZLINK**  
DIGITAL CONNECTION

**4,5m**



**8m**



**15m**



(1) Optional  
(2) As standard

Ref.	Model
70245	MP-1212 Pit frame & Anchor plates Kit (1212x1292mm)
70188	MP-1512 Pit frame & Anchor plates Kit (1515x1292mm)
70189	MP-1515 Pit frame & Anchor plates Kit (1512x1592mm)
70244	MP-2015 Pit frame & Anchor plates Kit (2012x1592mm)
32350	ZLink® Connection 4,5m (included)
32351	ZLink® Connection 8m
32352	ZLink® Connection 15m

► INDICADORES XTREM

**K3X INDICATOR**



Ref.	Model
72098	K3X



- CE-M Verified for legal use.
- Digital connection with ZLink® cable to the XTREM device.
- Classification or checkweighing with 3-colour display.
- Zero memory for weighing tanks and silos.
- Accumulation of weighs with totalisation.
- Normal or fixed tare, with 20 memories.
- Ticket printing with 3 header lines and 2 end-of-ticket lines.
- Date and time in the ticket registers.
- RS232C serial connection for PC and optional printers.
- Optional USB output to PC.
- Digital output with 3 relays and dosing of one product at two speeds.
- Internal battery with autonomy of up to 60 hours of continuous use.
- ABS housing with IP65 protection.

**K3iX INDICATOR**



Ref.	Model
72099	K3iX



- CE-M Verified for legal use.
- Digital connection with ZLink® cable to the XTREM device.
- Classification or checkweighing with 3-colour display.
- Zero memory for weighing tanks and silos.
- Accumulation of weighs with totalisation.
- Normal or fixed tare, with 20 memories.
- Ticket printing with 3 header lines and 2 end-of-ticket lines.
- Date and time in the ticket registers.
- RS232C serial connection for PC and optional printers.
- Optional USB output to PC.
- Digital output with 3 relays and dosing of one product at two speeds.
- Internal battery with autonomy of up to 60 hours of continuous use.
- AISI 304 stainless steel housing with IP65 protection.

**K3iX-P INDICATOR**



Ref.	Model
72100	K3iX-P



- CE-M Verified for legal use.
- Digital connection with ZLink® cable to the XTREM device.
- Classification or checkweighing with 3-colour display.
- Zero memory for weighing tanks and silos.
- Accumulation of weighs with totalisation.
- Normal or fixed tare, with 20 memories.
- Internal ticket printing with 3 header lines and 2 end-of-page lines.
- Date and time in the ticket registers.
- Digital output with 3 relays and dosing of one product at two speeds.
- AISI 304 stainless steel casing.



## K3W INDICATOR



Ref.	Model
71593A	K3W



- Digital ZLink® connection to XTREM equipment with Wifi technology, without cables.
- Auxiliary indicator for all equipment.
- Classification or checkweighing with 3-colour display.
- Zero memory for weighing tanks and silos.
- Accumulation of weights with totalisation.
- Normal or fixed tare, with 20 memories.
- Ticket printing with 3 header lines and 2 end-of-ticket lines.
- Date and time in the ticket registers.
- RS232C serial connection for PC and optional printers.
- Optional USB output to PC.
- Digital output with 3 relays and dosing of one product at two speeds.
- Internal battery with autonomy of 12 continuous hours of use.
- ABS housing with IP65 protection.
- Includes accessories that allow connection via WIFI to any XTREM equipment.



Ref.	Model
71642A	K3iW



- Digital ZLink® connection to XTREM equipment with Wifi technology, without cables.
- Auxiliary indicator for all equipment.
- Classification or check weighing with 3-colour display.
- Zero memory for weighing tanks and silos.
- Accumulation of weights with totalisation.
- Normal or fixed tare, with 20 memories.
- Ticket printing with 3 header lines and 2 end-of-ticket lines.
- Date and time in the ticket registers.
- RS232C serial connection for PC and optional printers.
- Optional USB output to PC.
- Digital output with 3 relays and dosing of one product at two speeds.
- Internal battery with autonomy of 12 continuous hours of use.
- AISI 304 stainless steel housing with IP65 protection.
- Includes accessories that allow connection via WIFI to any XTREM equipment.

## ▶ INDICATOR ACCESSORIES

### PR4 PRINTER

- Compact thermal printer with connection to K3X and K3iX by cable included.
- Printing speed of 130 mm/sec.
- Ticket width 58 mm.
- Paper roll capacity up to 83 mm diameter.

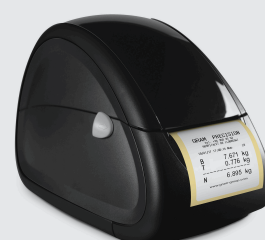
Ref.	Model
70034X	PR4 printer with cable for K3X, K3iX <sup>(1)</sup>



### Q2 PRINTER

- Easy paper loading.
- Printing speed: 76 mm/s.
- Label start detection.
- Front exit, protected from liquids.
- Maximum capacity 90 mm diameter.
- LED bar to show its status.
- Interchangeable head without screws.
- Connection with K3X and K3iX by cable

Ref.	Model
70814A	Label printer Q2 with cable for K3X, K3iX, K3W, K3iW <sup>(1)</sup>
70814B	Ticket printer Q2 with cable for K3X, K3iX, K3W, K3iW <sup>(1)</sup>



<sup>(1)</sup> They are mutually exclusive, only one option can be used.

### REPEATER INDICATOR RD3

- Auxiliary display with wall mounting compatible with K3 family indicators.
- Digit size 80 mm high.
- Connection with 390 mm long cable to any indicator of the K3 family.
- Connection to 220V mains with 130 mm long cable.
- For wall mounting

Ref.	Model
5263A	RD3 repeater indicator with 4 m cable for K3X, K3iX, K3W, K3iW (1)



### 3 LIGHT COLUMN WITH RELAY BOARD

- Adjustable three-level LED display for product sorting or illuminated information of programmed weight differences on the K3X, K3iX and K3iX P indicators.
- Cable connection.

Ref.	Model
60210A	Traffic light with relay board



### USB CONNECTION

- Data output via USB-A female connector.
- PC compatible.
- USB-A to USB-A cable not included.

Ref.	Model
33770	USB Output

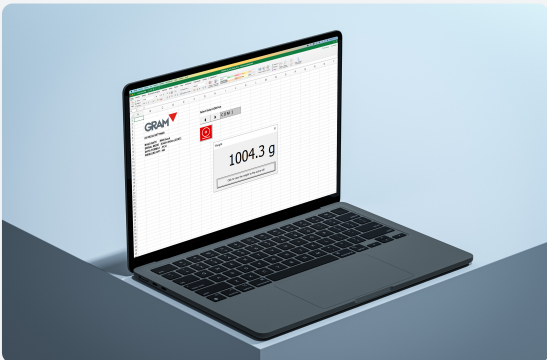


## ▶ INDICATOR SOFTWARE

### EX LINK

- PC data capture application.
- Import records in CSV or compatible sheet.

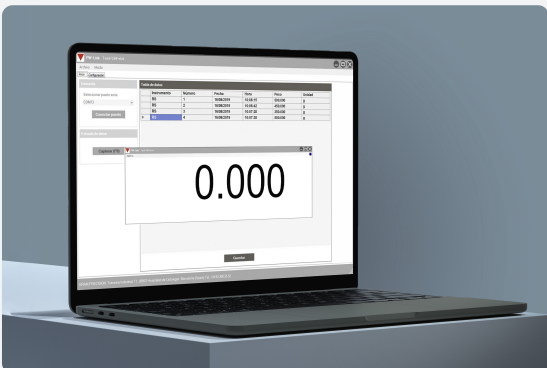
Ref.	Model
3792A	EX-Link software (incl. 4m PC cable)
3792C	EX-Link software (including USB output)



### PW LINK

- PC application for displaying and recording data.
- Dimensionally adjustable display, can occupy the entire width of the PC screen.
- Display and logging of data with date and time.

Ref.	Model
71722A	PW-Link software (incl. 4m cable to PC)
71722G	PW-Link software (including USB output)



## ► SOFTWARE XTREM

### PC XTREM



- PC indicator software with CE-M Verification for legal for trade use.
- Scalable display size, can occupy the entire screen.
- Data logging and export as CSV file - three free data fields are available for further information.
- Copy and paste the weighing value, or drag it to another window.
- It allows to introduce a tare value by means of the numerical keyboard.
- Allows the configuration of the scale from the same application.
- Displays several devices connected to the PC simultaneously, each one in a window.
- Displays 10 times higher resolution on the display.
- Display and export of the weight data by QR code on the screen.
- No need for a classic indicator, it connects directly to the XTREM scale via the included Z Link® cable and an optional PC adapter cable.

Ref.	Model
------	-------

72026A	PC XTREM software (includes cable to self-powered PC)
--------	---

### APP XTREM



- Compatible with XTREM devices with WiFi.
- Acts as main indicator, direct connection with XTREM equipment.
- Prints labels <sup>(1)</sup> and registers weighs with user name, customer, date/time, product code, net weight, gross weight and tare.
- Sends weighing records via email, social networks, and through most Android terminal applications <sup>(1)</sup>.
- Up to four Android terminals with our XTREM APP can be connected to the same XTREM scale.
- The application can be connected to any of the scales, if you have more than one.
- You can scan the barcode of the product with the terminal's camera <sup>(1)</sup>.
- It has Tare memories with nominative database. - It displays the weight limits with partial and full screen.
- Exports the results obtained to Excel <sup>(1)</sup>.

Ref.	Model
------	-------

3792A	XTREM Android APP (with WiFi connection and power cable)
-------	--

3792C	APP XTREM Premium 1 year (with WiFi connection and power cable)
-------	---

(1) With Premium option activated

### Q1 LABEL PRINTER



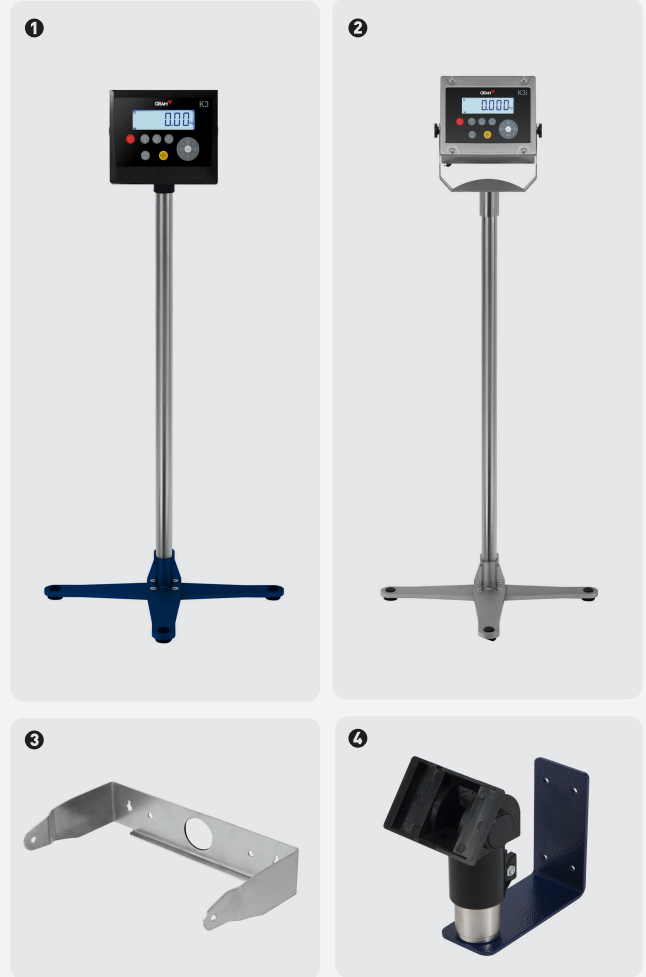
- Prints labels from Smartphone with Android APP.
- Adds barcode of the results.
- Autonomy of up to 14 hours in standby and up to 165 labels.
- Bluetooth connection.

Ref.	Modelo
------	--------

72034A	Impresora Bluetooth etiquetas Q1 con placa WIFI y App Premium 1 año
--------	---

## INDICATOR COLUMNS & BRACKETS

- ❶ **CS1:** Stable painted steel base with stainless steel column for indicator mounting, 900 mm high.
- ❷ **CS1S:** Stable base with stainless steel column for indicator mounting, 900 mm high.
- ❸ **Stainless steel wall bracket U:** For wall mounting of K3iX, K3iX P and K3iW indicators, with angle adjustment.
- ❹ **Wall bracket with ball joint:** For wall mounting of K3X and K3W indicators, with angle adjustment.



Ref.	Model
3804X	CS-1 Base de support en acier peint avec colonne en acier inoxydable pour K3X
3804B	CS-1 Base de support en acier peint avec colonne en acier inoxydable pour K3iX, K3iX P
3805A	CS-1S Base de support en acier inoxydable avec colonne en acier inoxydable pour K3X
3805X	CS-1S Base de support en acier inoxydable avec colonne en acier inoxydable pour K3iX, K3iX P
32278	Support mural en U en acier inoxydable (K3X, K3iX, K3iX P)
31661	Support mural en acier peint avec rotule en ABS (K3X)

## ► CERTIFICATES

### ISOCAL CERTIFICATES

- Our XTREM equipment is delivered with CE-M Verification as standard.
- We also offer our ISOCAL Certificates, with individualised calibration data for the XTREM equipment.
- Help maintain your ISO9001 Quality System.

Ref.	Model
8025	ISOCAL certificate from 301 kg to 600 kg
8029	ISOCAL certificate from 601 kg to 1500 kg
8030	ISOCAL certificate from 1501 kg to 3000 kg







Travessia Industrial, 11  
08907 Hospitalet de Llobregat  
Spain  
+34 93 300 33 32  
**gram-group.com**