GRAM ▼ Xtrem

Icons: CE · M² INTERN · 220V · BAT.INT · RS-232 · PRINT.EXT · WIRELESS · USB · PCS · TOL · CAL.EXT · MOVE · LCD DISPLAY · IP-65 · ABS

# The digital era of weighing is born

- Weighing system with the latest digital technology.

- Xtrem technology connects the weighing terminal to any Xtrem platform.

  Complete balance autonomy: all weighing data is stored inside, while the terminals display the information only.

- Multi-indicator: The platform connects to any indicator or PC connected to the network.

- Interchangeable indicators needing no adjustment: Quick replacement without interruptions.

- Total flexibility: data sent by cable or WiFi*.

- Connects to WiFi network*, with the data sent to any equipment connected to it or to any other IP network.

- Configurable autozero, for weighing tanks and silos.

- PC connection via cable or WiFi.

- Very high resolution with Xtrem S**.

*Optional.
**High resolution sensors.
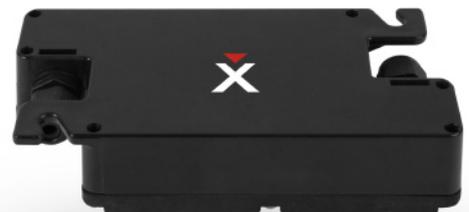
Time	Item
09:07:46	7638900295641
12:10:26	7638900295641

Multi-Equipment

The K3X, K3iX, MK3 and MK3P indicators can be connected via the connection cable, or a PC with the Xtrem PC application. Also, at the same time as the Wifi option, the K3W, K3iW indicators, a PC with Xtrem* PC software and the Xtrem app (for Android) can also be connected wirelessly in a touch terminal. All terminals can interact simultaneously with the platform.

Router connection via the WiFi option. Can be connected to any equipment on the network and from anywhere (depending on the network and router configuration). This connection is independent of the direct cable or WiFi connection.

With our Web Server, Xtrem computers send the data to any computer with Chrome, Edge and Safari browsers. All this directly, without the need for any intermediate weighing indicator.

Multi-Platform

The compatible indicators and Xtrem applications for PC and mobile terminals can be connected to any Xtrem platform to obtain the data from each.

Model	XTREM	XTREM-S
Digital analogue converter	20-bit A/D converter	24-bit A/D converter
Internal resolution	500,000 divisions	2,000,000 divisions
External resolution	50,000 divisions	200,000 divisions
Weight acquisition rate (samples per second)	12	50
Linearity error	< 0.0001%	
Working temperature range	-10ºC to 40°C	
Digital filter	5 options, user configurable	
Filter for animal weighing	Included	
Multi-range	Up to 2 ranges	
Multi-step	Up to 2 steps	
Weighing units	g, kg, lb, oz	
Extended resolution mode	x10	
Part counting mode	Included	
RS-232	Configurable speed 9600, 19200, 38400, 57600, 115200 bauds	
WiFi	Optional	
Ethernet	Optional	
Web Server	Included	
Power	6- 8.5 Vdc, 1000 mA (max)	
Standard Power Supply	Through the K3X indicator connection cable	
Optional Power Supply (ref. 33809)	AC/DC adapter 110-230 Vac / 50-60 Hz output at 7.5 Vdc	
Outer casing material	Polycarbonate	
Sealing	IP67	

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Smartphone or Tablet Indicator

- Prints labels (*) and records weighs with username, customer, date/time, product code, net, gross and tare weight.

- Send weight records via email, social networks and most applications of the Android* terminal.

- Up to 4 Android terminals can be connected via our Xtrem app to the Xtrem balance.

- The application can be connected to any balance, if more than one is available.

- The product bar code can be scanned with the terminal camera*.

- Has a Tare memory with a name database.

- View weight limits with partial and full screen.

- Export the results obtained* to Excel.

Alta resolución
Al activarlo, se muestra una resolución 10 veces mas elevada.

* With options Premium activated.

Tare memory with name
Has a numerical tare entry, with name and value database for greater speed.

Bar code scanner
The bar code scanning feature uses the smartphone or tablet camera to add the product code to the records.
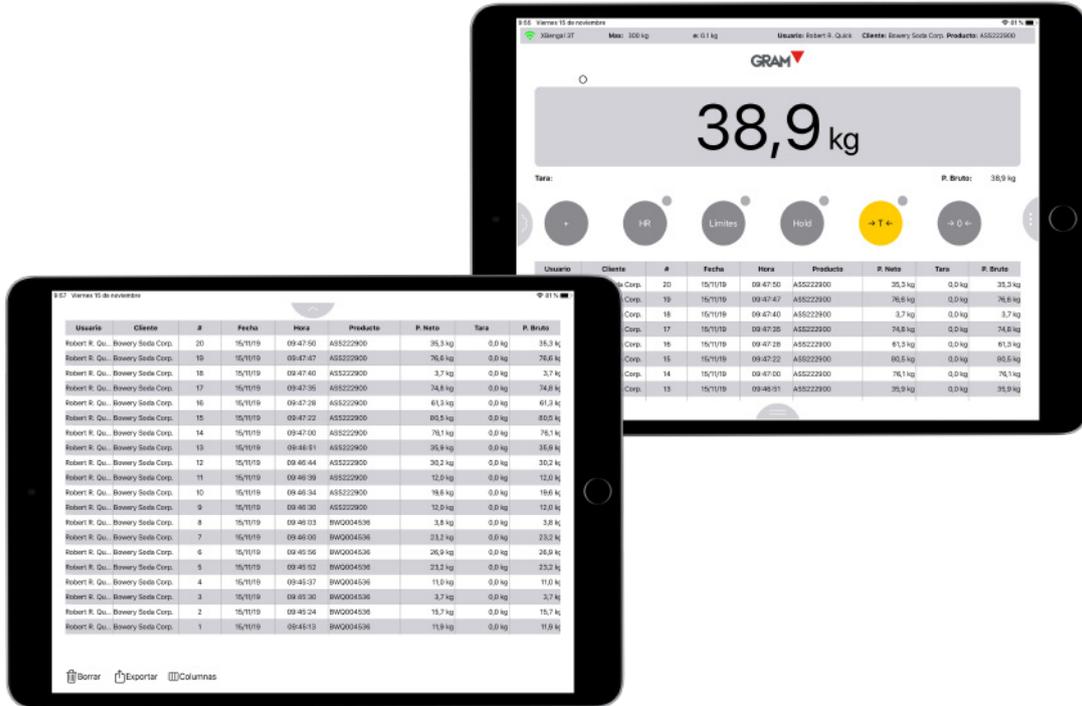
Exportable results

Weighing data can be easily exported* in csv format (Excel compatible) and sent as a message, copied, stored or sent via social networks (WhatsApp, Telegram, WeChat or any compatible application installed on the terminal).

*With Premium options activated.

Instant memory

Keeps the last weight determination on the display until another item is weighed. Very useful function if you do not want to store the entry and it has to be done manually.

Classification by weight

Dedicated screen for weight limit control, so you can use the coloured arrows on the screen for weight selection.

Label printing

With our Q1 label printer, you can print labels for each weighing (*), in addition to registering them in the database. With autonomy of 14 hours in standby and up to 165 labels.

*With Premium options activated.

Ref.	Model	RRP (€)
72025	**APP Xtrem Android**	Sin Cargo
71725	**APP Xtrem Premium 1 year (Android)**	
72034	**Bluetooth label printer Q1**	

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GRAM Xtrem

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Your PC as a smart indicator

• Our Xtrem PC application has a large reading display and all the functionalities of a traditional indicator. The size of the application is scalable: it can be made full screen or just a part of it, as necessary.

• Records the weighing data on the screen and exports it in a CSV file.

• Dispose of three free data fields, including more information.

• Copies and pastes the weight, or drags it to another window.

• Enter a tare value using the numeric keypad.

• Allows configuration of the balance from the same application.

• Shows several devices connected to the PC simultaneously, each in its own window.

• 10 times higher resolution available on the display.

• Weight data exported by QR code.
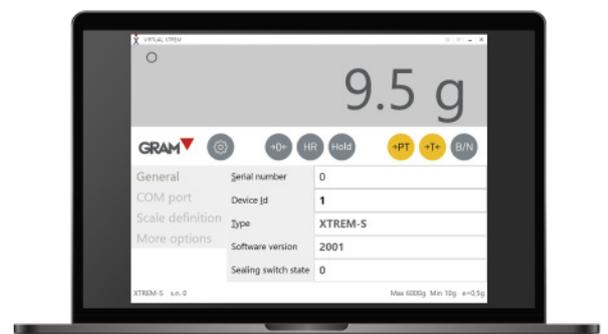
Instant memory

Keeps the last weight determination on the display until another item is weighed. Very useful function if no printed record is available and it has to be done manually.

Generates QR codes

Exports the weight data via a QR code, which can be scanned to be entered in another application of the same or other equipment.
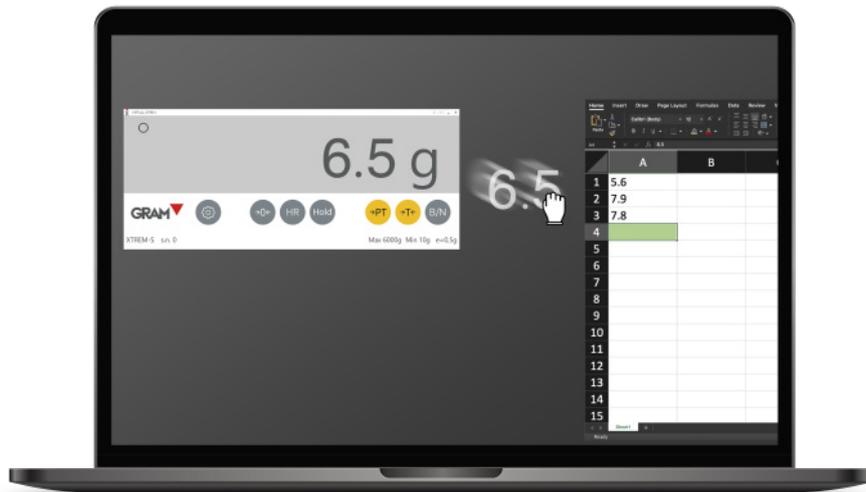
Drag and paste

Drag the indicated value to the window of another application, or perform this operation via the copy and paste function.

High resolution

A 10 times higher resolution is available at the press of a button.

GRAM

XTREM
the digital weighing technology

Without weighing indicator

With PC Xtrem you do not need any indicator, simply connect the Xtrem equipment with your PC (*), start the application and in a few seconds you will be able to enjoy the experience of our PC Xtrem on your PC.

(*) with cable ref. 33819 for a PC connection.

Weighing register

Get a record of all your data weighings with date, time, gross, net, tare, username, Xtrem equipment name and three additional customize fields.

The obtained data is saved in an SCV file that can be opened with Excel or other spreadsheet software.

You can have multiple PC Xtrem applications working at same time, each connected to different Xtrem equipment. All Xtrem equipment data is stored in the same centralized CSV file.

Ref.	Model	RRP (€)
72026	**Software Xtrem PC**	No Charges
33819	**Self-powered cable for connecting Xtrem equipment to PC**	

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CE | M² INTERN | 220V | BAT.INT | RS-232 | PRINT.EXT | WIRELESS | USB | PCS | TOL | CAL.EXT | MOVE | LCD DISPLAY | IP-65 | ABS

Cable and cable-free indicators

- Digital connection with and without cable with Xtrem platforms.

- WiFi for a wireless connection (K3W, K3iW).

- Digital cable, free from interference (K3X, K3iX).

- Up to 4 WiFi indicators connected to the same balance (K3W, K3iW).

- Compatible with Gram Xtrem application for smartphone and tablet (K3W, K3iW).

- Interchangeable with any Xtrem scale.

Functions
- 100-article memory with alphanumeric code.
- Classification or check by weight with display in 2 bright colours.
- Part counting function with unit weight memory of 100 items.
- 2 Autohold levels to keep the display reading once the object is removed.
- Dispensing of a product at two speeds, with optional relay board.
- Accumulation of weights with totalling.
- High resolution, shows 10 times the standard resolution.
- Automatic, normal or fixed tare.
- Memory of 20 pre-set tares.
- Ticket printing (with optional printer)

Indicators with WiFi connection

The digital models WiFi K3W and K3iW (stainless steel version) receive the data from the scale through the Xtrem module integrated via WiFi, without cables. These can be exchanged, thanks to the Xtrem digital weighing technology. Maximum coverage of up to 40 metres in areas without obstacles (this range may be smaller, depending on the environmental conditions and area of use).

Up to 4 x K3iW and K3W units can be connected to the same balance, with all units being fully operational and able to work simultaneously.

The K3iW model is manufactured with a highly resistant AISI304 stainless steel structure.

Indicators connected by cable

The K3X and K3iX digital displays (stainless steel version) show the data received by the balance through the Xtrem module, via the connection cable. These are interchangeable, thanks to their Xtrem digital technology.

The cable connection is also compatible with the Xtrem platform WiFi option. This way, you can have a K3X or K3iX indicator connected by cable, and another K3W and/or K3iW model indicators connected by WiFi, with all displaying the weight value at the same time and with all their functions operational. You can also connect Android smartphone terminals with our Xtrem app software to control the platform from these devices, in conjunction with other classical indicators.

The K3iX model has a highly resistant AISI304 stainless steel structure.

Model	K3X	K3iX	K3W	K3iW
Reference	71423	71641	71593	71642
Display	6 digit, 25mm high, backlit LCD			
Xtrem connectivity	RS232C		WiFi	
Material	ABS	AISI304 stainless steel	ABS	AISI304 stainless steel
Sealing protection	IP-65			
Power	230 V / 50 Hz (Euro) 11 V			
Battery life	30 / 60 hours		20 / 40 hours	
Working temperature	- 10ºC / +40ºC			
External dimensions (mm)	220 x 182 x 86	225 x 190 x 94	220 x 182 x 86	225 x 190 x 94
Total net weight (kg)	1.5	2.5	1.5	2.5
Packaging dimensions (mm)	325x235x165			
Total weight with packaging (kg)	2.3	3.3	2.3	3.3

GRAM

Q2

PR4

GRAM PRECISION
Tel. +34 906 33 32
HOSPITALET DE LLOBREGAT

19/01/17 17:60:14 Num.   23

B   7.671 kg
T   0.776 kg

N   6.895 kg
www.gram-group.com

GRAM PRECISION
Tel. +34 906 33 32
HOSPITALET DE LLOBREGAT

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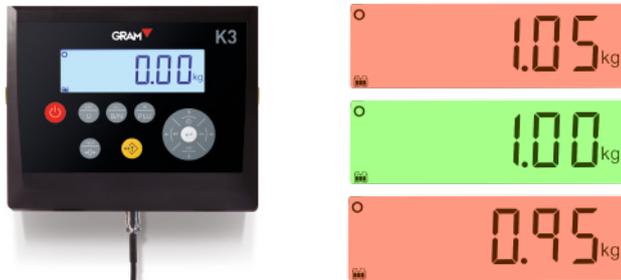---------------------
N   6.895 kg
www.gram-group.com

Connection to our printers

Print 3 ticket start lines and 1 end line, including our Z3 THS software for data entry from PC.

Our Q2 labeller prints the data on adhesive label or ticket format.

Large remote indicator

Our cable-connected RD3 remote indicator shows you the heavy weight value at a great distance.

Weight check

The viewfinder changes colour indicating whether the weight is above (red), below (red) or within (green) the established range.

USB and EX-Link output

Adds a standard USB connection to the indicator, for connectivity to any PC with Windows or higher. With our EX-Link software (free of charge) you can get your weighing records on an Excel sheet.

USB Direct, connectivity without PC software

With our direct cable between the indicator and your PC, the weighing data will appear in any application or document you have open. Without intermediate software, without installation, simple and effective.

Xtrem Connectivity

At the same time, with the WiFi option installed in the Xtrem module of the platform, it is possible to access with any of the K3W, K3iW or the APP Xtrem application, for Android terminals.

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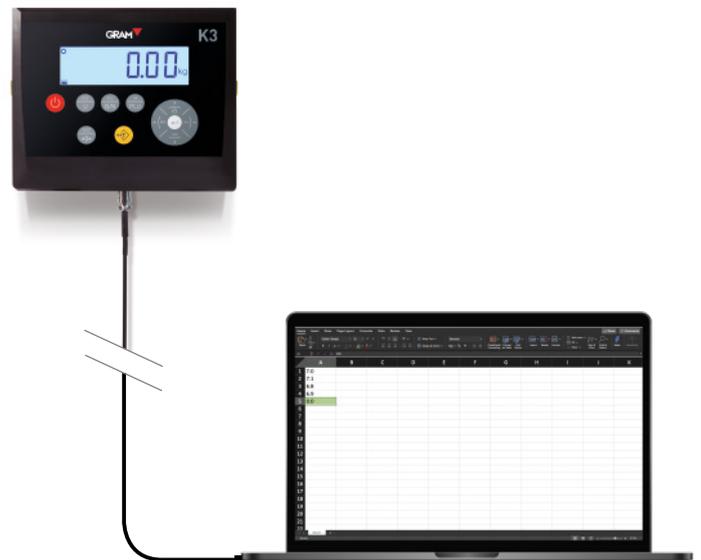
▶ INDICATOR OPTIONS

Ref.	Model
33799	**WiFi Board**
32330	**3-relay output (K3, K3i)**
60033	**RS-232 (K2, SC2)**
33772	**RTC Board (K3, K3i)**

▶ PERIPHERALS

Ref.	Model
70814	**Q2 labelling printer**
70034	**PR4 printer (RS-232)**

Ref.	Accessories for labelling printers
36904	**Q2 70x58mm label roll**

▶ COLUMN BRACKETS / BASES

Ref.	Model
33207	**ABS swivel base**
3803	**Stainless steel U tube base**
32278	**Stainless steel U wall support**
31661	**Wall support in painted steel with ABS swivel joint**

Ref.	Model
3804	**Painted steel base with column**
3805	**Stainless steel base with column**
71337	**Stainless steel base with K4i column**

Indicator not included.

Ref.	Model
5263	**RD3 repeater indicator (RS-232)**

Ref.	Model
60210	**LED traffic light with relay board**

▶ CABLES

Ref.	Model
61084	**Direct K USB cable**
33205	**RS-232 cable to RD3 or PC K, 1.5 m**
3738	**RS-232 cable to RD3 or PC K, 4 m**
32294	**RS-232 cable to K Printer**
33770	**USB output, cable and EX-Link application**

External dimensions (mm)

K3
K3W

86 mm
182 mm
220 mm

K3i
K3iW

111 mm
193 mm
225 mm
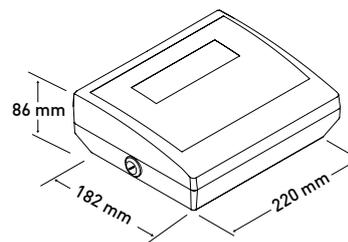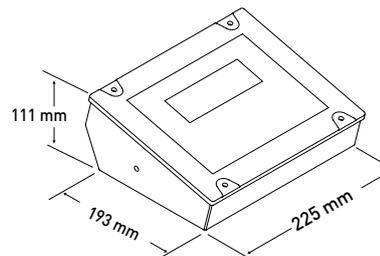
▶ SOFTWARE

Ref.	Model	RRP (€)
3792	**EX-Link software for PC (**)**	No Charges

1004.3 g

Ref.	Model
4877	**PW-Link software for PC (***)**

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