Xtrem Lion S - M

Heavy duty, legally approved

- Digital scale with CE-M Verification for legal use and 2 x 3000-division ranges.
- Upper openings for quick assembly and maintenance of the sensors.
- Highly reliable with Z Link communication technology and Xtrem digital core.
  - Fully autonomous, data sent to an indicator, PC, tablet or Android smartphone (1).
    - Maximum safety: important adjustment and calibration data incorporated in the platform are armoured.
  - Web Server to send data to Chrome, Edge and Safari browsers.
  - Total flexibility: Data sent by cable, Ethernet (2), WiFi (2) or RS485 (2).
  - In stainless steel with Class C3 sensors and IP68 protection.
    - Corrosion resistant, versions in AISI 304 and AISI 316 for extreme conditions.
    - Prepared for high connectivity (Industry 4.0)


View the data on a smartphone

Our Xtrem equipment with WiFi option sends the data directly from the platform to a smartphone using our Android app, directly and without an indicator, from the weighing platform to the smartphone. It’s that easy.
Z-Link 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.

Protected connection with stainless steel tube
• The Z Link connection cable is protected along most of its length by a plastic-coated steel tube.
• Excellent adaptation to the platform output for greater robustness.
• Guarantees proper communication of your Xtrem equipment with peripherals. Digital data are not influenced by bad connections or other equipment.

Digital core
• Xtrem digital module integrated inside the platform structure.
• The most advanced technology for maximum data security.
**Easy maintenance**
- Upper access to the adjustment junction box and the C3 type sensors facilitates maintenance of the equipment.

**Advanced connectivity**
- Our Xtrem equipment connects directly \( \text{(3)} \) to the Ethernet, Wifi or RS485 without intermediate equipment.

\( \text{(3)} \) Optional.

**Increased strength**
- Sandwich-type construction with a 5 mm thick upper surface.
- Structure fully welded to the upper surface.

**Extra-long Z Link cables**
- The standard Z Link digital connection cable can be replaced with longer ones of 8 and 15 m.
- Allows replacement in case of failure or breakage, due to its sealed connection and quick connectors.
## External dimensions (mm)

<table>
<thead>
<tr>
<th>Model</th>
<th>Xtrem Lion-S 1210</th>
<th>Xtrem Lion-S 1212</th>
<th>Xtrem Lion-S 1512</th>
<th>Xtrem Lion-S 1515</th>
<th>Xtrem Lion-S 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference</td>
<td>71909M</td>
<td>71910M</td>
<td>71911M</td>
<td>71912M</td>
<td>71913M</td>
</tr>
<tr>
<td>Capacity / max (kg)</td>
<td>300/600</td>
<td>600/1500</td>
<td>1900/3000</td>
<td>3000/5000</td>
<td>1000/2000</td>
</tr>
<tr>
<td>Resolution / e (g)</td>
<td>100/200</td>
<td>200/500</td>
<td>500/1000</td>
<td>1000/2000</td>
<td>2000/5000</td>
</tr>
<tr>
<td>Weighing units</td>
<td>g, kg</td>
<td>g, kg</td>
<td>g, kg</td>
<td>g, kg</td>
<td>g, kg</td>
</tr>
<tr>
<td>Class</td>
<td>OIML C6</td>
<td>OIML C6</td>
<td>OIML C6</td>
<td>OIML C6</td>
<td>OIML C6</td>
</tr>
<tr>
<td>Maximum error (g)</td>
<td>± 0.1%</td>
<td>± 0.1%</td>
<td>± 0.1%</td>
<td>± 0.1%</td>
<td>± 0.1%</td>
</tr>
<tr>
<td>Tare range (g)</td>
<td>- Max2</td>
<td>- Max2</td>
<td>- Max2</td>
<td>- Max2</td>
<td>- Max2</td>
</tr>
<tr>
<td>Connectivity</td>
<td>RS232C, Ethernet (1), WiFi (1), RS485 (1)</td>
<td>RS232C, Ethernet (1), WiFi (1), RS485 (1)</td>
<td>RS232C, Ethernet (1), WiFi (1), RS485 (1)</td>
<td>RS232C, Ethernet (1), WiFi (1), RS485 (1)</td>
<td>RS232C, Ethernet (1), WiFi (1), RS485 (1)</td>
</tr>
<tr>
<td>Transmission speed</td>
<td>9600, 19200, 38400, 57600, 115200 bauds</td>
<td>9600, 19200, 38400, 57600, 115200 bauds</td>
<td>9600, 19200, 38400, 57600, 115200 bauds</td>
<td>9600, 19200, 38400, 57600, 115200 bauds</td>
<td>9600, 19200, 38400, 57600, 115200 bauds</td>
</tr>
<tr>
<td>Power</td>
<td>Adapter 230 V/50 Hz (Euro) 7.5 Vdc or via indicator</td>
<td>Adapter 230 V/50 Hz (Euro) 7.5 Vdc or via indicator</td>
<td>Adapter 230 V/50 Hz (Euro) 7.5 Vdc or via indicator</td>
<td>Adapter 230 V/50 Hz (Euro) 7.5 Vdc or via indicator</td>
<td>Adapter 230 V/50 Hz (Euro) 7.5 Vdc or via indicator</td>
</tr>
<tr>
<td>Working temperature</td>
<td>-10ºC / +40ºC</td>
<td>-10ºC / +40ºC</td>
<td>-10ºC / +40ºC</td>
<td>-10ºC / +40ºC</td>
<td>-10ºC / +40ºC</td>
</tr>
<tr>
<td>Upper surface thickness</td>
<td>5 mm</td>
<td>5 mm</td>
<td>5 mm</td>
<td>5 mm</td>
<td>5 mm</td>
</tr>
<tr>
<td>Structure</td>
<td>AISI 304 stainless steel</td>
<td>AISI 304 stainless steel</td>
<td>AISI 304 stainless steel</td>
<td>AISI 304 stainless steel</td>
<td>AISI 304 stainless steel</td>
</tr>
<tr>
<td>Load sensors</td>
<td>4 x SQB 5S IP68</td>
<td>4 x SQB 5S IP68</td>
<td>4 x SQB 5S IP68</td>
<td>4 x SQB 5S IP68</td>
<td>4 x SQB 5S IP68</td>
</tr>
<tr>
<td>Connections box</td>
<td>Hermetic with IP68 protection, in AISI 304 stainless steel</td>
<td>Hermetic with IP68 protection, in AISI 304 stainless steel</td>
<td>Hermetic with IP68 protection, in AISI 304 stainless steel</td>
<td>Hermetic with IP68 protection, in AISI 304 stainless steel</td>
<td>Hermetic with IP68 protection, in AISI 304 stainless steel</td>
</tr>
<tr>
<td>Dim. platform (mm)</td>
<td>1200 x 1000</td>
<td>1200 x 1200</td>
<td>1500 x 1200</td>
<td>1500 x 1500</td>
<td>2000 x 1500</td>
</tr>
<tr>
<td>Minimum height</td>
<td>106</td>
<td>106</td>
<td>106</td>
<td>106</td>
<td>106</td>
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<tr>
<td>Maximum height</td>
<td>131</td>
<td>131</td>
<td>131</td>
<td>131</td>
<td>131</td>
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<tr>
<td>Platform net weight (kg)</td>
<td>115</td>
<td>130</td>
<td>153</td>
<td>186</td>
<td>246</td>
</tr>
<tr>
<td>Packaging dim. (mm)</td>
<td>1210 x 1010 x 150</td>
<td>1210 x 1210 x 150</td>
<td>1510 x 1210 x 150</td>
<td>1510 x 1510 x 150</td>
<td>2010 x 1510 x 150</td>
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<tr>
<td>Total weight with packaging (kg)</td>
<td>138</td>
<td>153</td>
<td>176</td>
<td>210</td>
<td>271</td>
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</tbody>
</table>

(1) Non-simultaneous options.
K3X indicator

• With CE-M Verification for legal use.
• Classification or check by weight with display in 3 colours.
• Tare memory for weighing tanks and silos.
• Accumulation of weights with totalling.
• Normal or fixed tare, with 20 memories.
• Print-out with 3 lines at the top and 2 lines at the end of the ticket.
• Date and time on ticket records.
• Accumulation of weights with totalling.
• RS232C serial connection for PC and optional printers.
• Optional USB output to PC
• 3-relay digital output and simple, single-speed dispensing.
• ABS casing with IP65 protection.

K3iX indicator

• With CE-M Verification for legal use.
• Classification or check by weight with display in 3 colours.
• Tare memory for weighing tanks and silos.
• Accumulation of weights with totalling.
• Normal or fixed tare, with 20 memories.
• Print-out with 3 lines at the top and 2 lines at the end of the ticket.
• Date and time on ticket records.
• Accumulation of weights with totalling.
• RS232C serial connection for PC and optional printers.
• Optional USB output to PC
• 3-relay digital output and simple, single-speed dispensing.
• AISI 304 stainless steel casing with IP65 protection.

K3iX P indicator

• With CE-M Verification for legal use.
• Classification or check by weight with display in 3 colours.
• Tare memory for weighing tanks and silos.
• Accumulation of weights with totalling.
• Normal or fixed tare, with 20 memories.
• Print-out with 3 lines at the top and 2 lines at the end of the page.
• Date and time on ticket records.
• Accumulation of weights with totalling.
• 3-relay digital output and simple, single-speed dispensing.
• AISI 304 stainless steel casing.
SOFTWARE XTREM

PC Xtrem
- Indicator PC software with CE-M Verification for legal use.
- Scalable display size, can occupy the entire screen.
- Data recording and export in CSV file.
- 3 free data fields to include 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.
- Display and export of weight data by QR code on screen.
- No need for a classic indicator; connects directly to the Xtrem scale via the included Z Link cable and an optional PC adapter cable.

APP Xtrem
- Prints labels (4) and records weights with user name, customer, date/time, product code and net, gross and tare weights.
- Send weight records via email, social networks and most of the Android terminal applications (4).
- 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 (4).
- Has a Tare memory with a name database.
- View weight limits with partial and full screen.
- Export the results obtained to Excel (4).

(4) With Premium options activated.

APP XTREM OPTIONS

Q1 label printer
- Prints labels from the smartphone with an Android app (4).
- Adds a barcode for the results.
- Autonomy of up to 14 hours on standby and up to 165 labels.
- Bluetooth connection.

(4) With Premium options activated.
PR4 printer
• Compact thermal printer.
• Printing speed of 130 mm/s.
• Ticket width 58 mm.
• Paper roll capacity up to 83 mm in diameter.
• Connection with K3X and K3iX by cable (included).

Q2 printer
• Easy paper loading.
• Printing speed: 76 mm/s.
• Detects the beginning of the label.
• Front exit, protected from liquids.
• Maximum capacity 90 mm diameter.
• LED status bar.
• Interchangeable print head without screws.
• Connection with K3X and K3iX by cable (included).

Traffic light with relay board
• LED indication with 3 adjustable levels for product classification or luminous information on weight differences programmed in the K3X, K3iX and K3iX P indicators.
• Wired connection.

USB connection
• Data output with USB-A female connector.
• PC compatible.
• USB-A to USB-A cable not included.
EX Link
- PC application for data capture.
- Imports records in CSV or compatible sheet.

USB Direct K
- Smart direct connection with PC.
- Enter data in any open application on the PC.
- No software needed; the PC recognises the smart cable.
- The data sent includes the measurement unit (g or kg).

PW Link
- PC application for viewing and recording data.
- Display with adjustable dimensions - can occupy the entire PC screen width.
- View and record data with date and time.
- Export records to CSV.
- Compatible with K3X and K3iX, includes connection cable.

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.
**INDUSTRIAL SCALES**

**INDICATOR COLUMNS**

*Painted steel base with stainless steel column for K3X*
- Supports K3X indicator on a 930 mm tall column.

*Painted steel base with stainless steel column for K3iX, K3iX P*
- Supports a K3iX or K3iX P indicator on a 930 mm tall column.

*Stainless steel base with stainless column for K3X*
- Supports K3X indicator on a 930 mm tall column.

*Stainless steel base with stainless column for K3iX, K3iX P*
- Supports a K3iX or K3iX P indicator on a 930 mm tall column.
**INDICATOR BRACKETS**

**ABS ball joint support for K3X**
- Adapts the K3X indicator for wall mounting.

**Stainless steel U-shaped bracket for K3iX, K3iX P**
- U-shaped bracket for wall mounting of compatible indicators.

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**PLATFORM ACCESSORIES**

**Steel surround**
- Painted steel surround of four perimeter plates and four centring plates for the feet of the scale.
- For recessed installation in the ground.

**Practical access ramps**
- The long ramp (RL) makes access for manual pallet trucks easier and quicker.

**Transport guides**
- Guides for transporting the platform with a forklift; facilitates safe transport.
- Factory adaptable for all dimensions.
INDUSTRIAL SCALES

CERTIFICATIONS

<table>
<thead>
<tr>
<th>Ref.</th>
<th>Model</th>
<th>Notes</th>
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<tbody>
<tr>
<td>8029</td>
<td>ISOCAL certificate from 601 kg to 1500 kg</td>
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</tr>
<tr>
<td>8030</td>
<td>ISOCAL certificate from 1501 kg to 3000 kg</td>
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INDICATOR ACCESSORIES

<table>
<thead>
<tr>
<th>Ref.</th>
<th>Model</th>
<th>Notes</th>
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<tbody>
<tr>
<td>32330</td>
<td>3-relay board</td>
<td></td>
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<tr>
<td>32332</td>
<td>Tare pedal</td>
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XTREM OPTIONS

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<th>Ref.</th>
<th>Model</th>
<th>Notes</th>
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<tbody>
<tr>
<td>72026A</td>
<td>PC Xtrem software (includes cable to self-powered PC)</td>
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<tr>
<td>33819A</td>
<td>Xtrem Android app (includes WiFi connection and power cable)</td>
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<tr>
<td>71725A</td>
<td>Xtrem Premium app 1 year (includes WiFi connection and power cable)</td>
<td></td>
</tr>
<tr>
<td>32351</td>
<td>Z-Link connection 8m</td>
<td></td>
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<tr>
<td>32352</td>
<td>Z-Link connection 15m</td>
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<tr>
<td>71683</td>
<td>WiFi connection (1)</td>
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<tr>
<td>71683A</td>
<td>WiFi connection with power (includes PC Xtrem software) (1)</td>
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<tr>
<td>32377A</td>
<td>Powered Ethernet connection (includes PC Xtrem software) (1)</td>
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<tr>
<td>72034A</td>
<td>Bluetooth printer Q1 labels with Wifi board and Premium app 1 year</td>
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</table>

PLATFORM ACCESSORIES

<table>
<thead>
<tr>
<th>Ref.</th>
<th>Model</th>
<th>Notes</th>
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<tbody>
<tr>
<td>71183</td>
<td>RLI-10 Stainless steel ramp, models 1210 and GL1</td>
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<tr>
<td>71184</td>
<td>RLI-12 Stainless steel ramp, models 1212 and 1512</td>
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<td>71185</td>
<td>RLI-15 Stainless steel ramp, models 1515 and 2015</td>
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<tr>
<td>60985</td>
<td>MPI-1210 Stainless steel plate surround</td>
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<td>70925</td>
<td>MPI-1212 Stainless steel plate surround</td>
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<td>4843</td>
<td>MPI-1512 Stainless steel plate surround</td>
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<td>70807</td>
<td>MPI-1515 Stainless steel plate surround</td>
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<tr>
<td>71943</td>
<td>FLI 12 Stainless steel forklift guides</td>
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</tbody>
</table>

NOTES

(1) Only one of these options can be taken.
(2) Only one of these options can be taken.