Xtrem Tortuga M

- Digital scale with CE-M Verification for legal use and 2 x 3000-division ranges.
- 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).
  - 2-layer epoxy coating, Class C3 sensors and IP67 protection.
  - Prepared for high connectivity (Industry 4.0)

(1) With Wi-Fi option.
(2) Optional.

Compact and strong with legal approval

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 steel tube
- The Z Link connection cable is protected along most of its length by a 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.
**Low height**  
- Its height of only 105 mm allows heavy loads to be weighed with little effort.

**Non-slip**  
- Its diamond plate steel surface with baked epoxy paint treatment gives it great wear resistance.

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

\(^{(3)}\) Optional.
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 Tortuga SL-300</th>
<th>Xtrem Tortuga SL-600</th>
<th>Xtrem Tortuga ML-300</th>
<th>Xtrem Tortuga ML-600</th>
<th>Xtrem Tortuga GL-600</th>
<th>Xtrem Tortuga GL-1500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference</td>
<td>71573M</td>
<td>71574M</td>
<td>71603M</td>
<td>71607M</td>
<td>71572M</td>
<td>71597M</td>
</tr>
<tr>
<td>Capacity / max (kg)</td>
<td>300</td>
<td>300 / 600</td>
<td>300</td>
<td>300 / 600</td>
<td>300 / 600</td>
<td>600 / 1500</td>
</tr>
<tr>
<td>Resolution / e (g)</td>
<td>100</td>
<td>100 / 200</td>
<td>100</td>
<td>100 / 200</td>
<td>100 / 200</td>
<td>600 / 1500</td>
</tr>
</tbody>
</table>

Weighing units: g, kg

Class: D1M1

Maximum error (g): ± 0,1%

Tare range (g): Max1

Connectivity: RS232C, Ethernet (1), WiFi (1), RS485 (1)

Transmission speed: 9600, 19200, 38400, 57600, 115200 bauds

Power: Adapter 230 V/50 Hz [Euro] 7.5 Vdc 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 HBC Rebel IPA7

Connections box: Hermetic with IP68 protection, in AISI 304 stainless steel

Dimensions (mm):

<table>
<thead>
<tr>
<th></th>
<th>Xtrem Tortuga SL-300</th>
<th>Xtrem Tortuga SL-600</th>
<th>Xtrem Tortuga ML-300</th>
<th>Xtrem Tortuga ML-600</th>
<th>Xtrem Tortuga GL-600</th>
<th>Xtrem Tortuga GL-1500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference</td>
<td>800 X 800</td>
<td>1000 X 800</td>
<td>1000 x 1000</td>
<td>1000 x 1000</td>
<td>1000 x 1000</td>
<td>1000 x 1000</td>
</tr>
<tr>
<td>Maximum height (mm)</td>
<td>105</td>
<td>140</td>
<td>140</td>
<td>140</td>
<td>140</td>
<td>140</td>
</tr>
<tr>
<td>Minimum height (mm)</td>
<td>45</td>
<td>47</td>
<td>49</td>
<td>49</td>
<td>49</td>
<td>49</td>
</tr>
<tr>
<td>Platform net weight (kg)</td>
<td>65</td>
<td>67</td>
<td>69</td>
<td>69</td>
<td>69</td>
<td>69</td>
</tr>
<tr>
<td>Packaging dim. (mm)</td>
<td>810 x 810 x 260</td>
<td>1010 x 810 x 260</td>
<td>1010 x 1010 x 260</td>
<td>1010 x 1010 x 260</td>
<td>1010 x 1010 x 260</td>
<td>1010 x 1010 x 260</td>
</tr>
</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.

**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.

**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).

**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.
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.
INDUSTRIAL SCALES

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.

PLATFORM ACCESSORIES

Protective surround
- Protects the platform from impacts and accidents.
- One or several sides of the platform can be protected.

Practical access ramps
- Two types of ramp: short (RM) with reduced dimensions and long (RL), with double angle for easier access with heavy loads.
- The long ramp (RL) makes access for manual pallet trucks easier and quicker.
## INDUSTRIAL SCALES

### CERTIFICATIONS

<table>
<thead>
<tr>
<th>Ref.</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>8024</td>
<td>ISOCAL certificate from 31 kg to 300 kg</td>
</tr>
<tr>
<td>8025</td>
<td>ISOCAL certificate from 301 kg to 600 kg</td>
</tr>
<tr>
<td>8029</td>
<td>ISOCAL certificate from 601 kg to 1500 kg</td>
</tr>
</tbody>
</table>

### K3X, K3iX OPTIONS

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

### XTREM OPTIONS

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

### PLATFORM ACCESSORIES

<table>
<thead>
<tr>
<th>Ref.</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>7006</td>
<td>RM-8 Access Ramp for SL and ML models</td>
</tr>
<tr>
<td>70190</td>
<td>RM-10 Access Ramp for GL and 1210 models</td>
</tr>
<tr>
<td>7117B</td>
<td>RL-8 Access Ramp for SL and ML models</td>
</tr>
<tr>
<td>71179</td>
<td>RL-10 Access Ramp for GL and 1210 models</td>
</tr>
<tr>
<td>70022</td>
<td>BM-10 Bumper (1m) for GL and 1210 models</td>
</tr>
<tr>
<td>70022A</td>
<td>Set of 4 BM perimeter protection frames, for GL model</td>
</tr>
</tbody>
</table>

### INDICATOR ACCESSORIES

<table>
<thead>
<tr>
<th>Ref.</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>70034X</td>
<td>PR4 wired printer for K3, K3i (2)</td>
</tr>
<tr>
<td>70814A</td>
<td>Q2 wired label printer for K3, K3i (2)</td>
</tr>
<tr>
<td>70814B</td>
<td>Q2 ticket printer with cable for K3, K3i (2)</td>
</tr>
<tr>
<td>60210A</td>
<td>Traffic light with relay board</td>
</tr>
<tr>
<td>3797A</td>
<td>EX-Link software (4m cable to PC included)</td>
</tr>
<tr>
<td>3797C</td>
<td>EX-Link software (USB output included)</td>
</tr>
<tr>
<td>71722A</td>
<td>PW-Link software (4m cable to PC included)</td>
</tr>
<tr>
<td>71722G</td>
<td>PW-Link software (USB output included)</td>
</tr>
<tr>
<td>61084</td>
<td>Direct K USB cable (2)</td>
</tr>
<tr>
<td>33770</td>
<td>USB output (2)</td>
</tr>
<tr>
<td>3804X</td>
<td>CS-1 Painted steel support base with stainless steel column for K2, K3, Z3, SC2</td>
</tr>
<tr>
<td>3804B</td>
<td>CS-1 Painted steel support base with stainless steel column for K3, K3i</td>
</tr>
<tr>
<td>3805A</td>
<td>CS-1 Stainless steel support base with stainless steel column for K2, K3, Z3, SC2</td>
</tr>
<tr>
<td>3805X</td>
<td>CS-1 Stainless steel support base with stainless steel column for K3, K3i</td>
</tr>
<tr>
<td>32278</td>
<td>Stainless steel U wall support (K3, K3i, K3i P)</td>
</tr>
<tr>
<td>31661</td>
<td>Wall support in painted steel with ABS swivel joint (SC2, K2, K3, Z3)</td>
</tr>
</tbody>
</table>

### NOTES

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