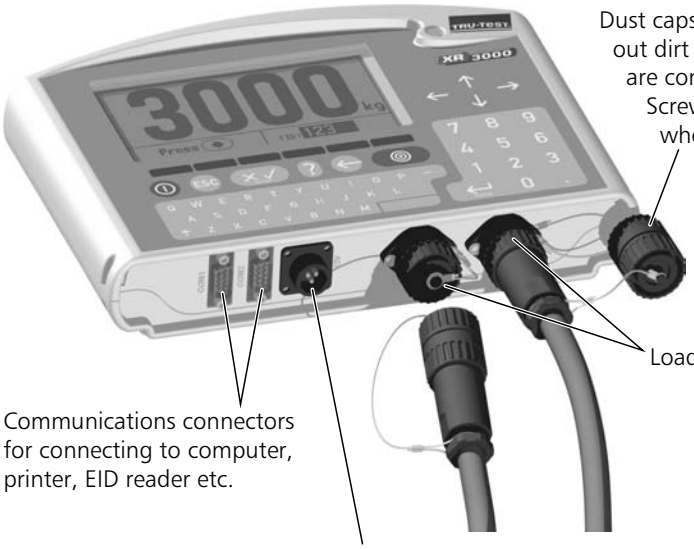
XR 3000

The ultimate in weight management

QUICK START GUIDE

Installing the Indicator

1. Mount the indicator bracket on a flat surface, such as a timber rail or concrete structure, using screws or nails. Alternatively, mount the bracket onto horizontal pipework with the U-bolts supplied.
2. Connect the load sensor cables to the indicator. Connect the dust caps together to keep out dirt and moisture.
3. Connect the power cable (if using an external 12 V supply).



Installation Tips

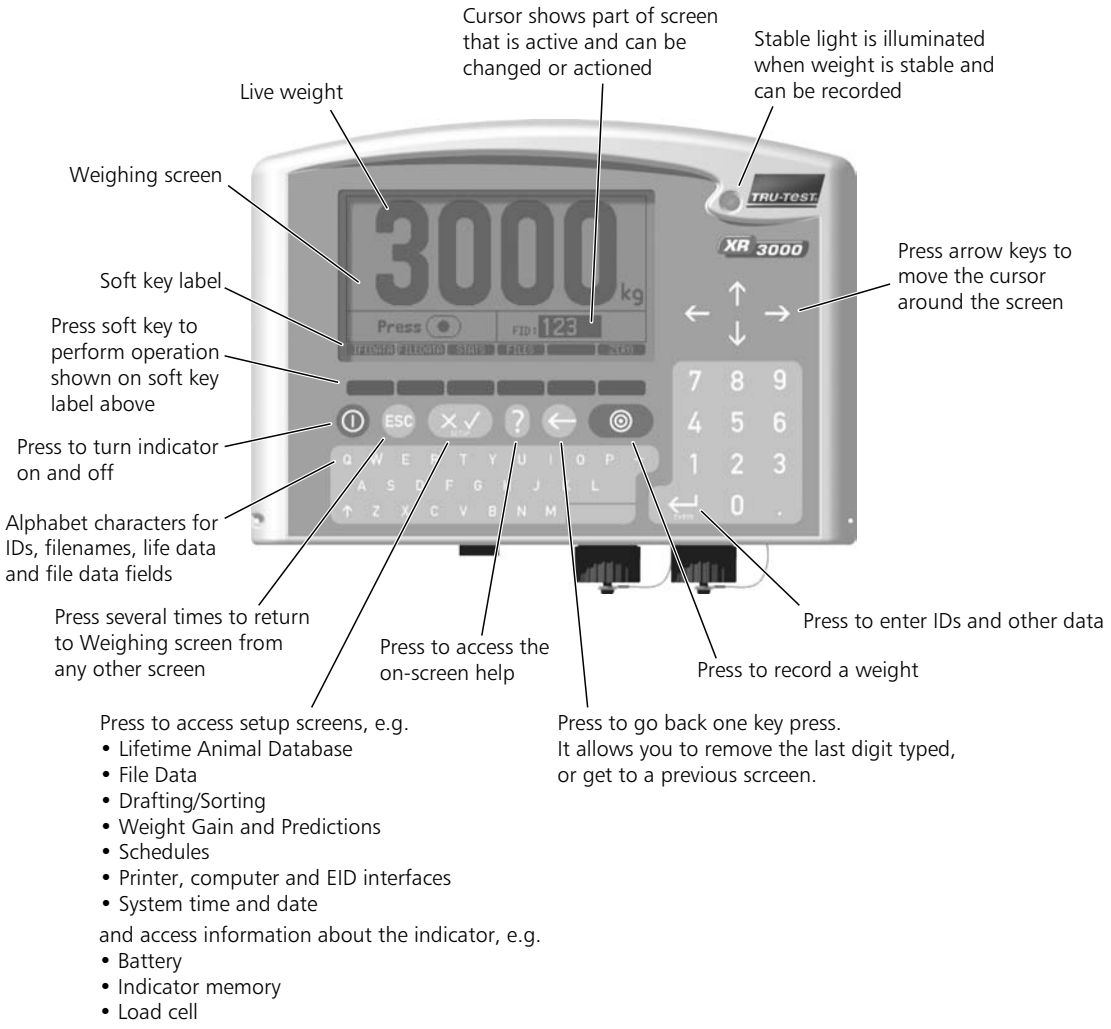
Mount the indicator in a convenient place where animals cannot knock the indicator or chew the cables.

Mount the bracket firmly to prevent possible operator errors or fatigue.

Position the indicator so that the screen is out of the sun if possible.

When installing load sensors, refer to the documentation supplied with the load sensors.

Parts of the Indicator



Weighing Screen Soft Keys

FILES	Displays a list of files. Each file typically represents one weighing session. There are 200 files.
LIFEDATA	Displays information likely to remain the same during the lifetime of animals e.g. ID, breed. More than one ID can be entered for an animal. IDs are cross-referenced, so that any ID can be entered in order to display animal information. Life data can be viewed and edited. There is one lifetime animal database.
FILEDATA	Displays information recorded in the weighing session e.g. weights, measured data, drafting ranges, together with relevant life data. File data is linked to life data via the ID. File data can be viewed and edited.
STATS	Displays calculations for animals in the file e.g. average, total, minimum and maximum weights.
ZERO	Zeroes the scale manually. Used if dirt builds up on the platform. Zeroing is usually automatic.

Getting Started

To set your country settings for units, date format and spelling:

1. Press ⏻ to turn on the indicator.
   The Startup screen may appear, depending on the setup of the indicator.
2. From the Startup screen, press ESC to start weighing, or press ? to access the on-screen tutorial.
3. After reading the the tutorial, press ×✓.
4. Select SYSTEM.
5. Scroll down to COUNTRY and press ↵.
6. Select your country from the list and press ↵.

To start a file for a new weighing session:

1. Press FILES to go to the List of Files screen.
2. Select an empty file.
3. Enter a name for the file using the keypad. Press ↵.
4. Press ESC.
   The file Start Date is entered automatically when the first weight is recorded.

To record an animal ID and weight:

1. Press ZERO to zero the scales, if required.
2. Move the animal onto the platform.
3. Enter an ID using the keypad. Press ↵.
   If the animal has not been weighed before, a dialogue box appears.
4. Select 'Create a new life data record'. Press ↵.
5. Enter other data, if required.
6. Press ◎ when ready to record the displayed weight.
7. Repeat for each new animal.

To view all recorded data from the weighing session:

► Press FILEDATA to view weights and other data recorded in the weighing session.

To view statistics:

► Press STATS to view a summary of numerical data, for example, average weight, maximum weight and the number of file data fields recorded in the file.

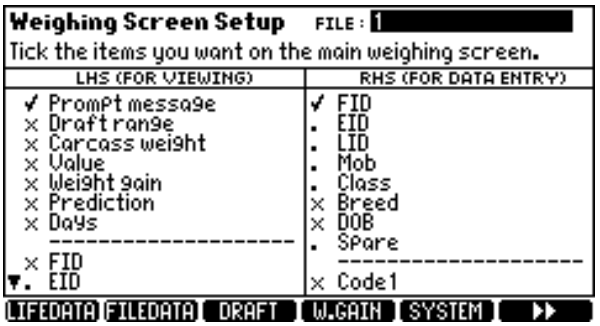
To enable an option in a setup screen:

1. Place the cursor on the option you want to enable or disable.
2. Press ↵.
3. Select an option using the arrow keys.
4. Press ↵.

TIP

To change ✗ to ✓ quickly, press 1

To change ✓ to ✗ quickly, press 0

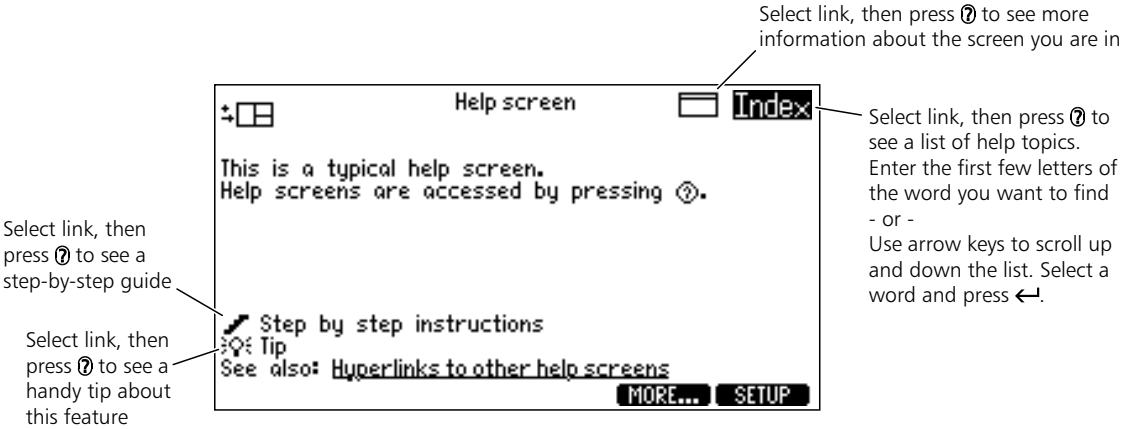


Find out about any field, screen or feature, using the on-screen help.

To view on-screen help:

1. Place the cursor on the field you want to find information about.
2. Press ⑦.
   A help screen is displayed about the field you are on.
3. If required, move the cursor to a link and press ⑦.

Parts of a Help Screen



Weighing Tips

During weighing, make sure:

The animal has four hooves on the platform.

Hands do not come into contact with the animal, or with part of the enclosure.

Another animal is not touching part of the enclosure.

The animal is not touching an unweighed part of the enclosure.

Battery Information

The internal battery charger operates from the recommended Tru-Test power adaptor or a 12 volt vehicle battery.

The indicator switches off automatically after 15 minutes of inactivity. Auto Power Off feature can be disabled by pressing ⊗✓ then SYSTEM. Press 0 to change ✓ to ✗.

The indicator should be charged for 12 hours before it is used for the first time.

To view Battery Information including Charge (%) and Time to Run (hours and minutes), press ⊗✓, ▶▶ then BATTERY.

A flat battery takes 8 hours to charge at temperatures of 10 °C to 35 °C. For temperatures outside this range, charging time may be increased to 12 hours. In very extreme temperatures, the indicator may not charge.

The indicator may be left on charge at all times and the scale can be used while charging.

Maintenance and Storage Tips

Make sure the underside of the crate or platform is free from dung, dirt and stones.

Store the load bars and the indicator in a clean, dry place, out of direct sunlight when not in use.

Charge the indicator overnight before and after long-term storage, and every three months during storage.

Latest Information and Software Downloads

For up-to-date information about Tru-Test products and downloads of latest software versions for your indicator, visit our web site at: www.tru-test.com.

You can download Link3000 to transfer data from your indicator to your computer.

Service Information

For repair or service information, contact the supplier of your XR3000.

Feedback

Tru-Test welcome feedback from customers. You can send any feedback about this product via the Feedback link from the Scales page at www.tru-test.com.

Specifications

Size	270 x 190 x 71 mm.
Weight	1.6 kg (3½ lb).
Accuracy	± 1% or 2 resolutions (whichever is greater) when used with Tru-Test load sensors, minimum base resolution 0.5 kg (1 lb) normal, 0.1 kg (0.2 lb) fine.
Battery	Charging time = 8 hours in normal conditions; Run time = 15 hours continuous use minimum with two load cells (8 hours with back light on). Auto turn off = 15 minutes.
Power requirements	AC adaptor (regulated) or battery, using crocodile clip 11 to 16 V d.c., 400 mA.
Display	High contrast, wide temperature LCD module, 240 x 128 dots.
IP67 waterproof rating	The indicator is 100% water and dust proof. It can be submerged in water to a depth of 1 m for 30 minutes.
Environmental	Operating temperature: -10 to +40 °C (+15 to +105 °F). Storage temperature: -20 to +35 °C (-5 to +95 °F).
Loadbar capacity	Power for up to 8 (350 load bars or load cells. Enables weighing of large loads.
Communication	2 x D9, one interface RS485 or RS232, the other RS232 only. Allows for connection to a printer and/or computer.

NOTE: Specifications may change without prior notice.