

XR 3000

The ultimate in weight management

King of the new realm, the XR3000

The XR3000 is the 'crown jewel' of the new 3000 range. The XR3000 introduces data collection and reporting capabilities not previously seen in an agricultural weighing scale. Animal management has continued to intensify, presenting new challenges for data collection and management. Tru-Test have responded to these challenges with the XR3000 weighing indicator. The XR3000 is the most advanced weighing indicator available. The XR3000 allows you to actively monitor individual and group performance through the collection of a variety of lifetime and reoccurring animal data. The XR3000 will sort and group data in a number of ways including by ID, traits and performance.

The XR3000 is extremely flexible, and once familiar with its capabilities, the XR3000 can be tailored to best meet your specific animal management requirements.



Simple

Information screens display detailed information on every feature and pop-up display messages offer assistance where needed. An interactive tutorial guides the first time user through the key features and basic operation of the indicator. Recording errors are minimised by prompting the user through the weighing sequence for each animal. The factory made default settings provide the user with first up simplicity. The detailed accompanied user manual also provides a tangible source of reference if difficulty arises.

Rugged

The 3000 range of indicators are 100 % waterproof, with an IP67 rating. The tough polycarbonate/polyester blend case housing is compact and durable, designed to sustain rugged outdoor handling. With battery power and a back-lit display, the XR3000 can be used in even the most challenging locations.

Versatile

The XR3000's new 47 mm character display is split into 3 parts. One part of the display shows the live weight, while the remaining areas of the screen are user definable. This flexibility allows users to tailor the display to their individual needs by selecting what they want to see on the weigh screen. The versatility of the XR3000 is also obvious in its ten weigh drafting feature. Drafting can be based on weight, weight gain, carcass weight, schedule value and non-weight factors. Non-weight draft factors such as breed, mob number and birth-rate can be entered prior to the weighing session. Versatility is also evident in the ability of users to name data fields to suit their own requirements. In addition, the auto-adjust display function maximises the size of the weight display. The XR3000 automatically calibrates itself to all Tru-Test loadsensors and allows advanced users to tailor field sizes to maximise memory use.

Powerful

Powerful memory and reporting functions and features make the XR3000 the most advanced livestock weighing indicator available. The software is easily updateable as new features become available. The XR3000 provides streamlined and efficient collection of data with automatic incrementing and custom fields, designed to increase convenience. The XR3000 allows the user to build custom reports in addition to the standard statistics features. Up to ten way drafting and weight gain predictions based on target weight or predicted weight, provide the farmer with increased options and more efficient drafting. The two communication ports allow for functionality with external devices such as printers, electronic identification (EID) readers and automatic drafting equipment. Link3000 computer software allows your computer to interface with the XR3000. Downloaded files can be opened in spreadsheet programs or imported into a number of third-party software programs. Database file structure links two or more tag numbers to the same animal and data is stored on a per animal basis. Visual and electronic identification numbers can be used interchangeably.



Product

INFORMATION SHEET

XR3000 Features

50,000 records in 200 files: Specific mobs can be allocated their own files for reporting. Provides vital management information on groups and individual animals.

IP67 approved: The indicator is 100 % water and dust proof. It can be submerged in water to a depth of 1 m for 30 minutes.

Large back lit display with light sensor: The 47 mm characters make the display easy to read in dim situations e.g. covered yards, dawn/dusk, deer handling areas. Back lighting automatically turns on or off as light level changes.

Life data fields: Eight 25-character life data fields with cross reference for recording dual ID numbers and animal characteristics such as breed, sex, sire and dam.

Code fields: Ten (three available per weighing session) 12-character code fields for recording additional animal information.

SUPERDAMP III: Accurate live animal weights obtained within seconds, even for the liveliest animals.

Alpha-numeric key pad: Alpha tags, field codes and file names can be used. Animals can be separated into easily recognisable files such as 'heifers', 'steers', breed or owner etc.

User Definable: User definable data field names to suit specific requirements.

Increased convenience: Streamlined and efficient collection of data with automatic incrementing and repeating of commonly occurring data.

Graphs: On-screen graphical view of animal performance with histogram and line graph.

Custom Fields: Custom fields provide fast entry of data from pre-set tables. For example, a table of breeds is set-up as a custom menu. The operator accesses the table of breeds as a pull down menu while weighing.

Animal History Table: Animal history table provides full history for an animal and includes all recorded data such as weight, treatment and birth rates.

Weight Gain: Weight gain feature provides a variety of gain calculations including average daily gain and total weight gain. Also has the added feature of weight gain predictions such as days target weight or predicted weight at a date.

Yield and dollar value print-out and display: Calculation of current value (based on carcass or live weight) across three payout schedules.

Drafting (Sorting): Up to ten way drafting. Drafting can be based on weight, weight gain, carcass weight, schedule value and non-weight factors. Non-weight draft factors such as breed, mob number and birth rate can be entered prior to the weighing session.

Historical Memory: View previously recorded weights and data. e.g. treatment cattle received while weighing.

Rugged bracket: The 3000 range feature a versatile bracket which is easily mounted on boards, wooden railings or horizontal pipe-work up to 62 mm outer diameter. The bracket is angled for high readability and ease of use. Additional brackets are available.

Computer Interface: Link3000 makes the computer interface with your 3000 indicator fast and easy. Link3000 will download and upload files and print reports. Downloaded files can be opened in spreadsheet programs such as Microsoft Excel or imported into animal management software.

Reports: Build your own custom reports in addition to the standard statistics features. Select rows and columns to display using a simple tick and cross menu. Use filters to focus on the performance of specific groupings of animals. XR3000 also has report printing of animal data, statistics and file summary information.

Specifications	
Size	270 x 190 x 71 mm.
Weight	Battery option = 1.6 kg (3.5 lb), non battery = 1.4 kg (3.0 lb).
Accuracy	±1 % or 2 resolutions (whichever is greater) when used with Tru-Test load sensors, minimum base resolution 0.5 kg normal, 0.1 kg fine.
Battery	Charging time = 8 hours in normal conditions. Run time = 15 hours continuous use minimum with two load cells (8 hours with backlight on). Auto turn off = 15 minutes.
Power requirements	AC adaptor (regulated) or battery, using crocodile clip 11 to 16 V d.c.
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 Ω) load bars or load cells. Enables weighing of large loads.
Communication	2x D9, one interface RS485 or RS232, the other RS232 only. Allows for connection to a printer and/or computer.



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