Weighing and Identification Systems

Contents

Why Tru-Test?

Tru-Test products have been designed to perform in the harshest agricultural environments.

- With over **30 years** spent perfecting the manufacturing process, Tru-Test load bars and weigh scale indicators are **reliable, rugged and long lasting.**

- **All Tru-Test indicators feature** the IP67 environmental protection rating, which indicates **waterproof to 1 metre** for 30 minutes.

- **ISO 9001 quality standard** ensures excellence.

- **Superdamp™** technology provides the fastest and most accurate damping algorithm available. This means the correct weight of a moving animal **is reached quickly and accurately – a critical benefit for a weighing system.**

- **Simple to use.** All Tru-Test indicators have intuitive user interfaces allowing users to start weighing straight away.

- **Regarded as the best in the market.** Tru-Test load bars are constructed from aircraft-grade aluminium, a highly corrosion resistant material.

- **A complete solution.** Tru-Test products provide you with a complete solution, from EID readers to indicators and load cells.

XRS2 EID Stick Reader

Maximise individual animal performance and backup critical health, mating and culling decisions by using the XRS2 EID Stick Reader to view and capture animal information.
Data collection **Made easy**.

See page 12.

SRS2 EID Stick Reader

Keep track of individual animals with the easy-to-use, ergonomically designed SRS2 EID Stick Reader.
EID scanning **Made easy**.

See page 12.

ERS Handheld Reader

A simple entry level reader that makes it easy to scan, record and report EID tag information. Use stand-alone or wirelessly connect to your weigh scales using built-in Bluetooth® technology.

See page 12.

5000 Series - featuring new Superdamp 4™

Easy to see, easy to use, easy to setup, easy to transfer data and hard to destroy – the 5000 Series indicators allow users to quickly capture accurate animal weights and information to act on in order to maximise profitability.
Weighing **Made Easy**.

See page 4.

5000 Series

NEW
Superdamp 4™
Weigh faster than ever before

XR5000

Management decisions made easy.

The ultimate Indicator designed to capture a wide range of animal information needed to help make the most well informed, profitable decisions at the weigh site. Optimise breeding programmes, quickly identify poor performers and catch animal health issues early.

- Store up to 1 million records in 1000 weighing sessions and record up to 100 pieces of information for each animal
- Range of features to calculate and visualise performance of individual animals or groups
- Up to 10-way drafting by any criteria
- Pre-loaded common setups or save own favourite setups to easily switch between jobs
- Calculate target weights
- Track, apply and manage treatments e.g. type, dosage, withholding periods, set alarms
- Track mothers and offspring with offspring pairing feature
- Product code: 823436.

ID5000

Weighing decisions made easy.

Fully featured Indicator designed to quickly and accurately capture animal weights. Track weight performance, identify poor performers and easily sort animals into groups.

- Store up to 250,000 records in 250 weighing sessions and record up to three IDs and three pieces of information (breed, sex or other trait for each animal) for each animal
- Track performance through calculating and visualising an animal's weight gain
- Up to 5-way drafting by weight, weight gain and single criteria
- Pre-loaded common setups or save own favourite setups to easily switch between jobs
- Product code: 823435.

Features and benefits:

- 7" display with unique transflective screen technology gives screen clarity in even the brightest sunlight
- Accurate live weights captured quickly with Superdamp 4 technology
- Quick access keys and keypad avoids dirty fingers on screen
- Built-in step-by-step instructions and pop-up help
- Quickly transfer information through your mobile device (Android* or Apple*), flash drive or computer (Microsoft Windows*)
- Link wirelessly or by cables to other devices e.g. Electronic ID readers, auto drafters, barcode scanners and more
- Water, dust and shock proof IP67 case
- Long life battery: 10 hours with backlight on and 13 hours with backlight off (in daylight)

EziWeighi™ Series

EziWeigh7i

Mid level EID compatible Indicator with integrated wireless *Bluetooth®* technology.

Efficiently record and track individual weight gain to help you manage your operation with greater certainty and profitability.

- Wireless communication with EID readers up to 100 m away, or connect via cable
- Quickly transfer information through mobile devices (Android* or Apple IOS*) or computer (Microsoft Windows*)
- Stores up to 100 weighing sessions and 20,000 records
- Records weights against EID and VID tags
- Speeds up drafting by weight, displaying up to 3 directions
- Calculates and displays an animal's daily weight gain since the previous session
- Record notes for each individual animal
- Summary statistics from the current and previous weigh sessions can be recalled in the yard
- Long life battery, up to 15 hours of run time, charge time 3 hours, auto power down to save battery life
- Large highly visible 35 mm backlit display
- Power up zero, auto zero and fine mode
- Auto incrementing and auto prefixing for fast entry of VID
- Bright red stable light
- Superdamp™ III technology
- Product code: 828991.

EziWeigh6i

Mid level EID compatible Indicator.

Combines high quality EID and VID compatible technology with incredible strength and durability.

- Serial cable communication to EID readers
- Stores up to 50 weighing sessions and 10,000 records
- Records weights against EID and VID tags
- Speeds up drafting by weight, displaying up to 3 directions
- Direct and easy communication with your computer via a USB cable and Data Link software
- Long life battery, up to 15 hours of run time, charge time 3 hours, auto power down to save battery life
- Large highly visible 35 mm backlit display
- Power up zero, auto zero and fine mode
- Auto incrementing and auto prefixing for fast entry of VID
- Bright red stable light
- Superdamp™ III technology
- Product code: 829006.

EziWeigh5i

Entry level, simple to use Indicator.

No-nonsense, entry level Indicator with professional level accuracy and speed.

- Long life battery: 20 hours runtime, charge time 3 hours
- Large highly visible 35 mm backlit display
- Power up zero, auto zero and fine mode
- Bright red stable light
- Superdamp™ III technology
- Product code: 829003.

Selection Guide

	XR5000	ID5000	EziWeigh7i	EziWeigh6i	EziWeigh5i
Backlit display	☑	☑	☑	☑	☑
Superdamp™ III software	☑	☑	☑	☑	☑
IP67 water and dust proof	☑	☑	☑	☑	☑
Bright stable light	☑	☑	☑	☑	☑
Fine mode	☑	☑	☑	☑	☑
Auto zero on / off	☑	☑	☑	☑	☑
Span calibration	☑	☑	☑	☑	☑
Battery Life	>10 hours	>10 hours	>15 hours	>15 hours	>20 hours
Alphanumeric keypad	☑	☑	☑	☑	
Serial communication ports	2[1]	2[1]	1[1]	1[1]	
USB communication ports	2[2,3]	2[2,3]	1[2]	1[2]	
Integrated *Bluetooth*®	☑	☑	☑		
Integrated Wi-Fi	☑	☑			
EID compatible	☑	☑	☑	☑	
Individual weight recording	☑	☑	☑	☑	
File/session capacity	1,000	250	100	50	
Total memory (individual records)	1,000,000	250,000	20,000	10,000	
Record custom traits	100	3	1		
Weight gain calculation	☑	☑	☑		
File date stamped	☑	☑	☑	☑	
Basic statistics (Average, Min., Max.)	☑	☑	☑	☑	
Advanced statistics	☑	☑			
Drafting ranges	10	5	3	3	
Drafting criteria	Multiple Advanced	Weight, Single criteria	Weight	Weight	
Computer interface software included	☑	☑	☑	☑	
Android* Smartphone App	☑	☑	☑		
Apple* Smartphone App	☑	☑	☑		
Favourite setups	☑	☑			
Autodrafter support	☑	☑			
Carcass weight calculation	☑				
Animal history table	☑	☑			
On-screen graphing of data	☑	☑			
Treatments feature	☑				

1. RS232 communication port/s provided through with optional accessory cable.
2. USB port for cable connection to computer.
3. USB port for flash drive or peripheral device.

Walk Over Weighing - WOW™

The Tru-Test Walk Over Weighing system is designed to build trend views of animal weights over time through regular weighing.

WOW2™ indicator is designed to be integrated with third party software programmes capable of interpreting and analysing data.

WOW2™

Monitor weight trends with hands free Walk Over Weighing. Developed for the harsh dairy environment and applications where cattle are regularly weighed.

The Tru-Test Walk Over Weighing indicator is designed to be integrated with third party software programmes capable of interpreting and analysing data.

- Weight accuracy ±3.0%
- 90% of animal weights captured per session
- EID compatible
- Stores up to 100 weighing sessions and 30,000 animal records
- Auto zero functionality
- Water, dust and shock proof IP67 case
- Integrate with third party software by either streaming data or recording information on the device to download later
- Compatible with Tru-Test Data Link for PC, Android* Smartphone
- If not connected to mains power, battery will run for up to 15 hours
- Capture accurate live weights quickly with Superdamp™ III technology
- Product code: 828996

MP600

Multi-purpose 600 mm load bars.

- 2,000 kg capacity
- Product code: 815956 Walk Over Weighing (WOW™).

2.5 m WOW™ Platform

Durable aluminium and steel cattle platform for Walk Over Weighing (WOW™).

- Overall width: 720 mm
- Walking surface width: 500mm
- Weight: 85 kg (without rubber mat)
- Product Code: 827357 (platform with steel tread plate), 827358 (platform with mat & mat holding brackets), 821264 (mat with fixing kit), 827359 (mat holding bracket).

Multi-purpose (MP) Load Bars

Features and benefits:

- Versatile. Can be used with a temporary or permanent installation
- Compatible with any Tru-Test weigh scale
- Corrosion resistant zinc plated, gold passivated housing
- Rugged and durable load bars
- Reinforced cables to prevent damage
- Rubber feet provide extra grip and shock protection
- Fully water resistant.

MP600

Multi-purpose 600 mm load bars.

- 2,000 kg capacity
- Product code: 805122 (Standard).

MP800

Multi-purpose 800 mm load bars.

- 3,000 kg capacity
- Product code: 805123.

MP1010

Multi-purpose 1,010 mm load bars.

- 3,000 kg capacity
- Product code: 805124.
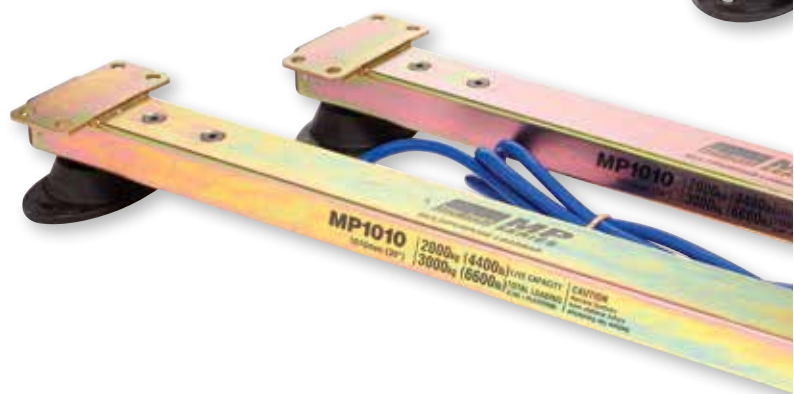
Heavy Duty (HD) Load Bars

Features and benefits:

- For permanent installation under a crush or crate where extra capacity and durability is required
- Compatible with any Tru-Test indicator
- Corrosion resistant galvanised housing
- Reinforced cables to prevent damage
- Fully water resistant.

HD800

Heavy duty 800 mm load bars.

- 3,000 kg capacity
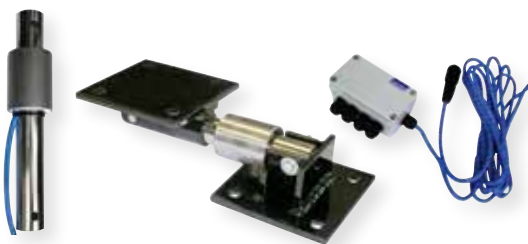- Product code: 805125 (with anchor bolts).

HD1010

Heavy duty 1,010 mm load bars.

- 3,000 kg capacity
- Product code: 708001 (with anchor bolts), 805126 (without anchor bolts).

Load Cells

XHD2

Extra heavy duty.

- 4,500 kg capacity
- For permanent installation in a high traffic crush or crate situation
- Compatible with any Tru-Test indicator
- Corrosion resistant plated and sealed load cell
- Product code: 826906 (4 x load cells with brackets and junction box), 826907 (4 x load cells and junction box).
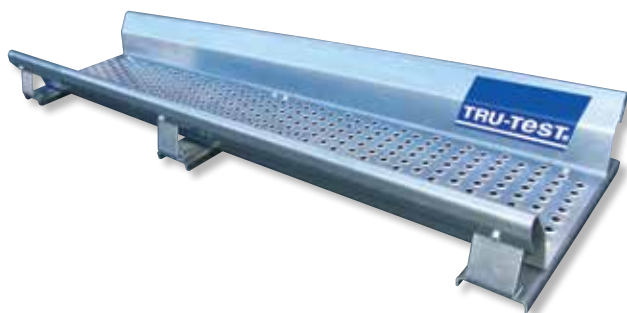
250 kg Suspension Cell

Versatile, rugged, ideal for mechanical scales conversions.

- 250 kg capacity
- 12 mm threaded mounting holes
- Product code: 818318, 829331 (with mounting hooks).

Animal Platforms & Crates

Aluminium 2.2 m Platform

Durable, weld free cattle platform with lightweight design for easy transport.

- Lightweight aluminium portable design
- Unique non slip surface
- Weld free stainless steel bolted joints eliminate cracking
- Fits most current race designs
- Overall width: 600 mm
- Walking surface width: 390 mm
- Weight: 29 kg
- Product code: WPA10000.

FastWeigh Sheep Crate

Lightweight, versatile, fully integrated sheep weighing system with built-in load cell.

- Open ended crate with no gates for fast flow of sheep or lambs
- Easy to transport using almost any vehicle
- Includes a built-in Tru-Test weighing sensor
- Fits most current race designs
- Product code: WPA50006.

EID Panel Reader System

Rugged design ideal for permanent or temporary installation in most handling systems. Superior read technology ensures consistent tag reads every session.

XRP2 Reader

Consistent tag reads every session.
Tru-Test's superior read technology ensures quick and reliable tag reads.

- Reads all FDX-B and HDX tags
- Option to act as a stand alone tag recording device and animal counter or send tag numbers to a Tru-Test Indicator
- Wirelessly connect with your Indicator or smartphone using *Bluetooth*® technology for easy data transfer and to eliminate cables
- Easily download recorded information to your PC for analysis or Android* smartphone
- Plug and play setup with unique auto tuning function to ensure consistent tag reads
- Flexible antenna options to suit your setup: different sizes; dual antenna; and synchronised reader options
- Rugged design for the tough agricultural environment
- Product Code: 824031 (reader only, no antenna), 825477 (reader with large antenna), 825476 (reader with small antenna).

Small Antenna

- Rugged design and easy to install small antenna
- Read range single antenna up to 700 mm
- Read range dual antenna up to 1,200 mm
- Antenna size: 425 x 400 x 10/33 mm
- Product code: 824997.

Large Antenna

- Rugged design and easy to install large antenna
- Read range single antenna up to 1 m
- Read range dual antenna up to 1.8 m
- Antenna size: 873 x 603 x 15/38 mm
- Product code: 824996.

Portable EID Readers

XRS2 Stick Reader

Data collection made easy

Features an alphanumeric keypad to capture, view and enter individual animal information to backup your critical health, mating and culling decisions.

- Capture up to 15 pieces of customised information for each animal, such as breed,sex, DOB and condition score
- 1,000,000 scanned tag memory
- Simple and fast set-up with predefined or save your own favourites to easily switch between jobs
- Large sunlight viewable 2.7" colour LCD screen
- *Bluetooth®* wireless technology for operation while connected to the weigh scale
- Superior battery performance – up to 19 hours of push to read

- operation or 9.5 hours of continuous read
- Easily download recorded information using your Windows* computer, iPhone* or Android* smartphone
- Customisable alerts for pre-chosen animals eg. cull
- Read tag performance – up to 1,100 tags per minute
- Long reach - 650 mm length enables you to keep a safe distance when scanning lively animals
- Product code: 829955 (includes soft carry case)

SRS2 Stick Reader

EID scanning made easy

Keep track of individual animals with the easy-to-use, ergonomically designed SRS2 EID Stick Reader.

- Captures EIDs, pre-loaded VID numbers and session count
- 250,000 scanned tag memory
- Bluetooth® wireless technology for operation while connected to the weigh scale
- Superior battery performance – up to 19 hours of push to read operation or 9.5 hours of continuous read
- Easily download recorded information using your Windows* computer, iPhone* or Android* smartphone
- Large sunlight viewable 2.7" colour LCD screen
- Options to display visual ID for scanned animals and to discard duplicate IDs
- Read tag performance – up to 1,100 tags per minute
- Long reach - 650 mm length enables you to keep a safe distance when scanning lively animals
- Product code: 829958 (includes soft carry case)

ERS Handheld Reader

An entry level handheld EID tag reader.
This economical tag reader with built-in memory helps speed up recording for compliance with NAIT.

- NAIT tag compatible
- 4,000 scanned tag memory
- Bluetooth® technology for wireless operation while connected to the weigh scale
- Easily download recorded information to PC
- Rugged water and dust proof IP67 enclosure
- Battery life of up to 8 hours
- Product code: 828860.

Selection Guide

	XRS2	SRS2	ERS	XRP2
Scanned tag memory	1,000,000	250,000	4,000	20,000
Reads HDX, FDX tags	✓	✓	✓	✓
Read rate HDX	Up to 850	Up to 850	Up to 830	Up to 850
Read rate FDX	Up to 1,100	Up to 1,100	Up to 1,000	Up to 1,150
Read range	Up to 350 mm	Up to 350 mm	Up to 300 mm	Up to 1 m
Battery life	Up to 19 hours	Up to 19 hours	Up to 8 hours	N/A
File sessions	250	250	99	100
Cattle/sheep	All	All	Calves/sheep	All
Daylight viewable backlit display	✓	✓	✓	✓
IP67 water and dust proof	✓	✓	✓	✓
Integrated *Bluetooth*®	✓	✓	✓	✓
USB communication	✓[2]	✓[2]	✓[2]	✓[1]
Computer interface software incl	✓	✓	✓	✓
Automatic pairing	✓	✓	✓	✓
Animal counter	✓	✓	✓	✓
Duplicate tag check	✓	✓		✓
Favourite setups	✓			
Customisable alerts	✓			
Alphanumeric keypad	✓			

1. RS232 communication port/s provided 2. USB series A to Mini-B cable provided

Data Link App for iPhone* and Android* smartphone

Capture and send data from the weigh site!

Tru-Test Data Link is a free application for Apple iOS* and Android* that enables users to easily download data stored on their Tru-Test Wi-Fi and *Bluetooth*® enabled EID readers or weigh scale indicators.

- Select a session file to email back to the office or send to another recipient.

- Open a session and review individual animal records.

- If the user is not in a 3G or Wi-Fi area, the transaction will happen automatically the next time they come into range.

- GPS location of data download attached to emails (optional).

Tru-Test Product Compatibility

Apple iOS*

- 5000 Series weigh scale indicator
- EziWeigh7i weigh scale indicator
- XRS2/SRS2 EID readers

Download⁺

Download the **Tru-Test Data Link App** FREE from the App Store* or Google Play*.
⁺ IMPORTANT: Before downloading the Tru-Test Data Link app users will need to make sure they have email set up on their phone.

Android*

- 5000 Series weigh scale indicator
- WOW2 weigh scale indicator
- EziWeigh7i weigh scale indicator
- Tru-Test *Bluetooth* adapter accessory

Data Link for Windows* PC

Data Link is a free Windows* PC application that connects with your Tru-Test EID readers and weigh scale indicators. Data Link enables recorded information to be easily downloaded to PC and new information to be uploaded to your weigh scale indicators or EID reader.

Data Link is regularly updated with new and improved features. Download the latest version free from www.tru-test.com/livestock.

Power Cables & Adaptors

Power Adaptor & USB cable†
Use with EziWeigh5i/6i/7i indicators and WOW2™. Includes USB cable adaptor and multi-region AC adaptor.
Product code: 818348

5000 Series Power Adaptor†
Mains power adaptor for 5000 Series weigh scales. Includes multi-region plug adaptor.
Product code: 826639

5000 Series 12 V Charging Kit
Use with 5000 Series weigh scale indicators. Includes 12 V adaptor to connect to vehicle or battery.
Product code: 827195

XRP2 Power Adaptor†
Use with the XRP2 EID panel reader. AC adaptor with Australian/NZ, European, UK and US power leads.
Product code: 825647

XRP2 12 V Power Cable†
Use with the XRP2 EID panel reader.
Product code: 825644

EziWeighi/ERS Car Charger Kit
Use with EziWeigh5i/6i/7i indicators and XRS2/SRS2/ERS EID readers.
Product code: 818349

ERS/XRS2/SRS2 Charging Kit
Use with the ERS/XRS2/SRS2 EID readerS. Includes 5 V multi-region adapters and USB cable.
Product code: 829488

Communication Cables & Adaptors

WOW2 D9 Serial 2 M Cable†
Use to connect WOW2 to PC or other device.
Product code: 813610

XRP2 Serial Cable†
Use to connect the XRP2 EID panel reader to weigh scale indicators and other devices.
Product code: 825643

Cable C16 to D9 Serial
Use to connect 5000 series and EziWeigh6i/7i weigh scale indicators to a Tru-Test EID reader.
Product code: 818324

XRP2 Antenna Extension Cable†
A 5.5 m antenna extension cable for the XRP2 EID panel reader.
Product code: 825649

USB to Serial Adaptor Cable
Connects your PC to WOW2 & XRP2 EID panel.
Product code: 824429P

Cable USB Series A to Mini-B†
Use to connect 5000 Series indicators and XRS2/SRS2/ERS EID reader to PC.
Product code: 826642

Cable C16 to D9 Serial and '5 V DC' C16
Use with 5000 Series. Provides two serial connection ports and enables simultaneous battery charging.
Product code: 826638

Mounting & Carry Cases

Indicator Mounting Bracket†
Mount all Tru-Test indicators and XRP2 EID reader.
Product code: 816750

Adjustable Mounting Bracket
Use to mount Tru-Test indicators or XRP2 EID panel reader on a flat surface or pipe.
Product code: 826641

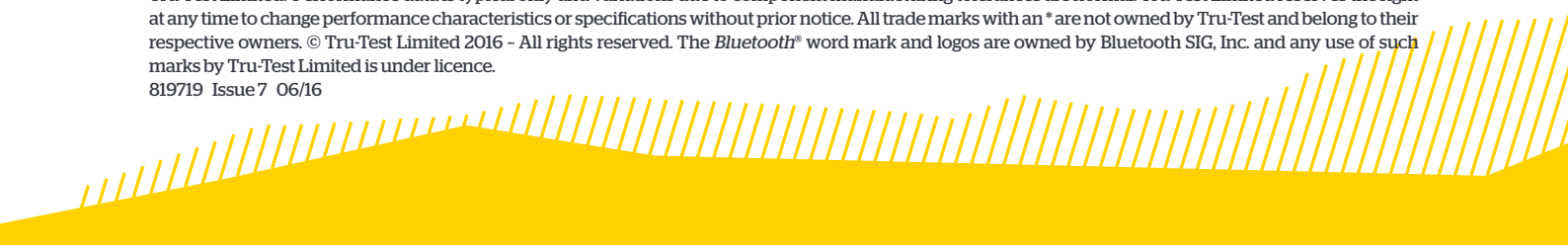†This accessory is included as standard with the applicable product and can be ordered as a replacement or as an additional spare.