

EziWeigh

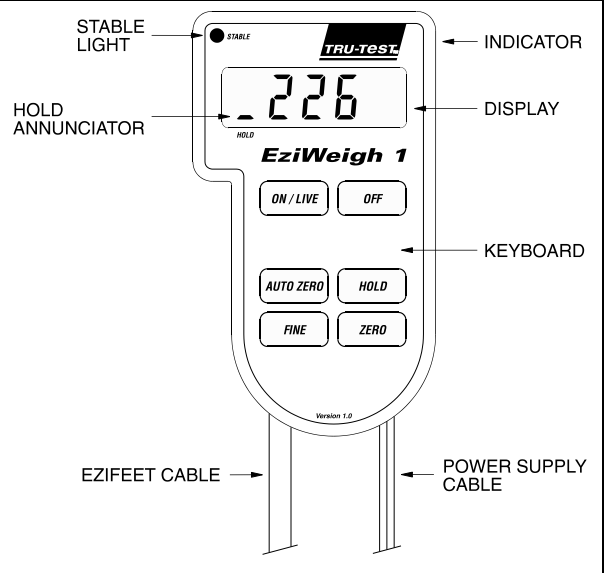
Models 1 and 2

Congratulations on your purchase of this reliable and efficient TRU-TEST Weighing System. To ensure you receive the service you are entitled to, please complete and post the warranty card without delay.

Installation

1. Install the *EziFeet* under the platform on a firm surface. See *Installing EziFeet* on page 3.
2. Connect the *EziFeet* cable to the Indicator making sure it is protected from damage. Screw the protection caps together to keep out dirt and moisture.
3. **Model 1** Connect the Indicator power cable to a 12V DC power supply (eg. car battery or TRU-TEST power adapter), red clip to positive terminal, black clip to negative terminal.
Model 2 Make sure the internal battery is fully charged before starting, or use an external battery, or TRU-TEST power adapter.

Note: The Indicator automatically calibrates itself to TRU-TEST *EziFeet*.



Operation

1. Press ON/LIVE . The scale normally zeroes on power up and then displays zero weight. (See section on zeroing.)	
2. Move the animal onto the platform or crate.	
3. Wait for the <i>Stable</i> light to come on (shows that a reliable weight is displayed).	
4. If required, when the <i>Stable</i> light is on, you can press HOLD to lock the display until the next animal comes onto the platform (or the LIVE or ZERO key is pressed).	

Fine Weighing

Fine weighing allows measurement of weights up to 100kg (200lb) with weight changes as small as 0.1kg (0.2lb).

To Set Fine Weighing On or Off Press FINE . The new setting is displayed briefly.	
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Zeroing

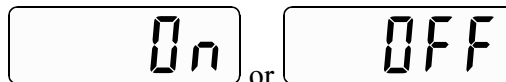
When *Auto Zero* is on, the Indicator zeroes on power up or when there is no load on the platform.

This zeroes the weight of the platform on the *EziFeet* and compensates for any build up of dirt (up to 3kg/6lb) during weighing.

In some circumstances this feature should be turned off. Two common examples are: 1) To avoid accidental zeroing of the user's hand pressure on the entry gate. 2) To avoid zeroing a bale left in a wool press when the Indicator is turned off and then on again later.


To Turn Auto Zero On or Off

Press . The new setting is displayed briefly.










If *Auto Zero* is on, manual zeroing is usually unnecessary.

To Manually Zero the Display

Press .



Keys

	Sets automatic zeroing (on or off).		Turns the Indicator on (or returns to live weight display).
	Sets fine weighing (on or off).		Zeroes the scale. See section on zeroing.
	Turns the Indicator off.		Holds displayed weight until next animal is weighed, or  is pressed.

Internal Battery (Model 2 only)

The internal rechargeable battery option allows the Indicator to be operated independent of any external power supply.

The internal battery comes with its own internal battery charger. See *Internal Battery Charging* below.

Once charged the internal battery gives at least 8 hours of continuous operation at normal temperatures (0°C to 45°C) (32°F to 112°F) with *EziFeet* connected.

The low battery warning message "bat" gives you enough time to record the weight of the current animal (30 seconds).

To maximise battery life, observe the following simple guidelines:

- Recharge the battery overnight before use.
- Use the recommended power supply.
- Store the Indicator in a cool dry place.

Internal Battery Charging

The internal battery charger operates from either the recommended *TRU-TEST* power adapter or a 12 volt car battery. Damage to the Indicator caused by other charging supplies, including automotive battery chargers, is not covered by the warranty.

The internal battery charger ensures maximum life of the battery, while giving the fastest charging rate possible. The battery is protected from overcharging. Charging a flat battery takes 8 hours at temperatures of 10°C to 40°C (50°F to 104°F).

The 'Charge Level' is displayed during charging to indicate charging progress (3 bars on is fully charged).

You can safely leave the Indicator on charge all the time. The scale can be used while charging.

Charging at low or high temperatures or after prolonged storage could extend the charging time to 16 hours. At extreme temperatures the indicator will not charge. Never charge with the Indicator in direct sunlight.

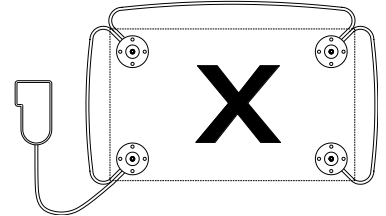
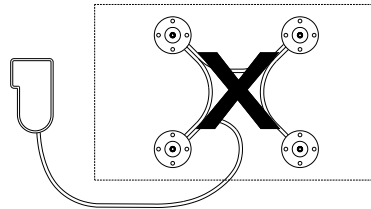
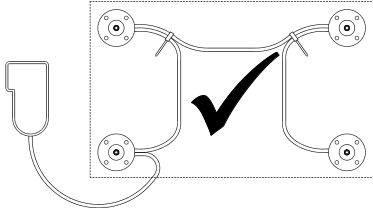
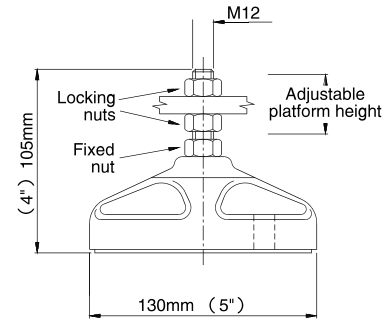
Upgrading

The *EziWeigh* indicator can be upgraded to a higher model if required. Other features available include group statistics, 12 group files, 2 way drafting / sorting and file date. Contact your *TRU-TEST* service centre for details.

Installing EziFeet

The four *EziFeet* should be attached to a platform or crate which does not flex even with heavy animals. A level concrete site is advised to minimise twisting effects which may cause inaccurate weighing.

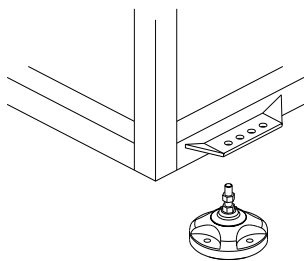
The *EziFeet* should be fixed as near to each of the four corners of the platform / crate as practicable ensuring that the cables point inwards as illustrated in the diagram on the left below.



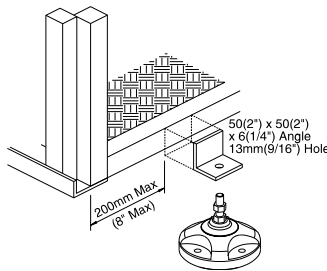
The cables should be gathered together underneath the platform to ensure that they are not damaged by animals standing on them or chewing them. Plastic zip-ties are provided for this.

The following diagrams show common methods of attaching *EziFeet* to platforms and crates.

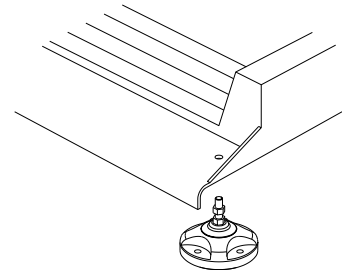
Direct Crate Attachment



Welded Angle Attachment



Direct Platform Attachment

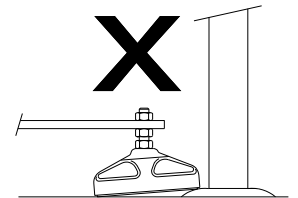
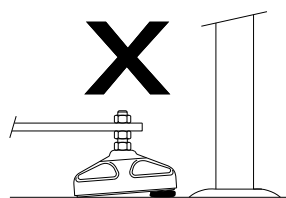
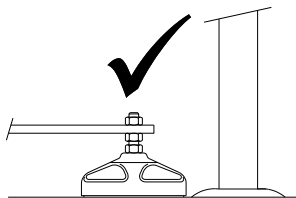


Adjust the height of the locking nuts so that the platform rests evenly on all four *EziFeet* (ie. does not rock). The locking nuts should be tightened until they grip the platform / crate base firmly. Ensure a minimum clearance of 10mm (3/8") is maintained between the *EziFeet* housing and the platform.

Lower the platform / crate carefully into position on the weighing site.

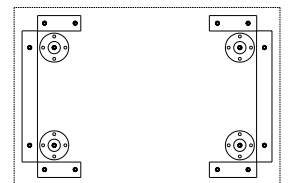
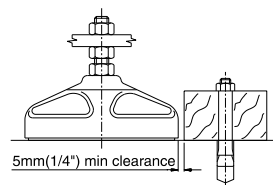
WARNING DROPPING THE PLATFORM OR CRATE WILL CAUSE SHOCK OVERLOADING OF THE EZIFEET. DO NOT WELD PLATFORM WITH EZIFEET ATTACHED.

When the platform is in the correct position, the *EziFeet* should sit flat and not appear twisted or skewed.



If weighing large extremely active animals it may be necessary to restrain the *EziFeet* to prevent excessive movement of the platform / crate. This can be achieved as follows:

1. Position the platform / crate on the concrete pad.
2. Align a beam of wood (eg. fence batten) or a steel channel section so that it runs level with the front two *EziFeet* with 5mm (1/4") clearance between the *EziFeet* and the beam.
3. Fix the beam to the concrete, using masonry anchors or similar.
4. The same technique can be used to prevent sideways and backwards movement.



Operating Notes (For accurate weighing)

- During weighing, check that the animals are fully on the platform.
- Ensure that the underside surface of the platform or crate is kept clear of dirt and stones.
- Do not leave the Indicator or *EziFeet* in water. Store the Indicator in a cool dry place.
- Replace the caps onto the connectors whenever the *EziFeet* are detached from the Indicator.
- The Indicator automatically turns off after 15 minutes of no activity to stop drain on the internal or external batteries. This feature can be disabled. Contact your local *TRU-TEST* Service Centre.
- The Indicator is set to kg or lb in the factory. This setting can be changed if required. Contact your local *TRU-TEST* Service Centre.
- For **SERVICE**, contact:

New Zealand 0800 653 356.
USA 1-800-874-8494
Other countries Your *TRU-TEST* Service Centre

Australia Your local Sunbeam office:
 N.S.W. (02) 789-8555 QLD. (07) 848-5171
 VIC/TAS. (03) 318-2111 S.A. (08) 375-0300
 W.A. (09) 444-7788

Specifications

(Note: product specifications may change without prior notice.)

Total Capacity	500kg (100kg with <i>Fine</i> on) 1000lb (200lb with <i>Fine</i> on)
Min resolution	0.5kg (0.1kg with <i>Fine</i> on) 1lb (0.2lb with <i>Fine</i> on)
Accuracy	±1% or 2 resolutions (whichever is greater)
Power supply 12VDC	Operating temp -10°C to +45°C 14°F to +113°F Storage temp -20°C to +35°C -4°F to +95°F

Weight Range	Resolution
0 to 200kg	0.5kg
0 to 500lb	1lb
200kg to 500kg	1kg
500lb to 1000lb	2lb

Display Messages

	The Indicator is ready with no <i>EziFeet</i> connected.		External power supply too high. Check power supply.
	Model 2: Recharge battery.		External power supply too low. Model 2: voltage too low to charge.
	Model 2: Indicator is charging, can be used while charging.		Function is on.
	Charge Level (Model 2): Battery is low.		Function is off.
	Charge Level (Model 2): Battery is fully charged. You can safely continue charging.		Overload. Weight on scale is greater than its capacity.
	Indicator requires service. Note error number and contact <i>TRU-TEST</i>		Indicator is zeroing.

FCC Notice

The *TRU-TEST* Scale Indicator has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction leaflet, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at their own expense.