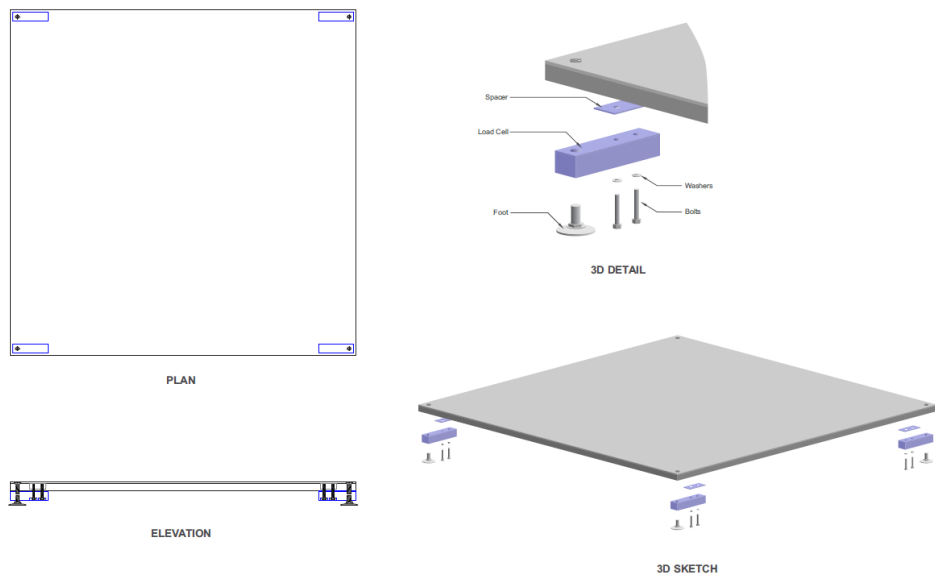


MF Floor Scale Kit

Floor scale kit consists of following items:

- 4 MT401 Shear beam load cells
- 4 Swivel Foot
- 4 Spacer plates
- 1 Junction Box
- 1 Indicator
- 5m cable (4 Core)

A typical floor scale assembly is shown below.



There is a load direction arrow at the loading end of the load cell (peel off the bar code label if arrow is not visible). Swivel foot is fitted from the opposite end of arrow direction, as shown in picture below.



The 4 cables of the 4 load cells need to be connected to Junction Box.

Wiring code for connecting load cell cable to Junction Box is

Exc+ Red (Excitation+)

Exc- Black (Excitation -)

IN+ Green (Signal +)

IN- White (Signal-)

GND – Screen (Transparent)-

Indicator has a 5 pin male plug on the back of indicator.

Connect the 5m cable to Junction Box and 5 pin Plug as follows

Junction Box end

Exc+ Red (Excitation+)

Exc- Black (Excitation -)

IN+ Green (Signal +)

IN- White (Signal-)

GND – Screen

Indicator end

Pin1 Green

Pin2 White

Pin 4 Black

Pin 5 Red

Pin 3 is optional for screen of the cable.

The indicator is normally sent with a coarse calibration, where capacity of scale is known. For best accuracy, an onsite calibration is recommended Calibration can be performed with a known weight.



Millennium Mechatronics

Millennium Mechatronics Limited

55F Richard Pearse Drive

Airport Oaks

Manukau

Auckland 2022

New Zealand

Phone:

+64 9 6220808 (Overseas)

09 622 0808 (New Zealand)

0800 MELTRONS (From New Zealand)

Email:

info@meltrons.com