

Force Data Instruments



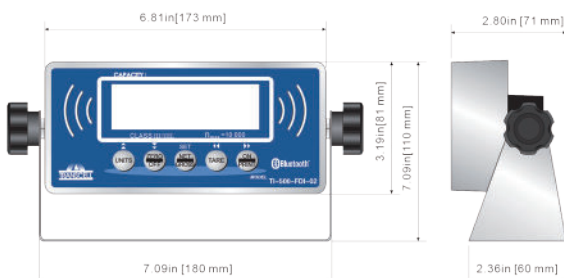
Features

- Output RS-232 (optional wireless Bluetooth)
- Stainless steel mounting bracket
- Display: easy to read 0.8" tall LCD w/LED backlight
- Full front panel configuration
- Displays up to 50,000 Graduations
- Time/Date
- Multipoint calibration: 7 tension, 7 compression
- Full front panel digital calibration
- Operates from AC wall adaptor (included), or 4-AA batteries
- Sampling Rate up to 1200Hz
- High quality/low cost
- Units: lbf, kgf, gf, ozf, Newtons
- Modes: Real time, peak tension, peak compression
- Enclosure: aluminum/ABS NEMA 12 enclosure

Specifications

Load Cell Excitation	3.3 VDC	Keyboard Functions	Units, Zero/off, Net/Gross, Tare, On/Print
Load Cell Current	Drives up to eight 350 Ω Load Cells	Annunciators	Gross, Net, kg, lb, Center of Zero, Stable, Tare, Negative, low battery
Analog Signal Input Range	+/- 3 mV/V max	Serial Port	Full Duplex RS-232C
Analog Sensitivity	0.3 μV/grad minimum	Power Requirement	4-14 VDC
Display Resolution	Up to 50,000 external grads	DC Power Consumption	50mA + 10 mA/350 Ω Load Cell
A/D Conversion Rate	FDI-01: 10/80Hz FDI-02: 2Hz - 1200 Hz	Dimensions	3.2"x 6.8"x 2.3"(81mm x 173mm x 60mm)
A/D Resolution	Up to 200,000 Internal Counts @ 3 mV/V	Operating Temperature	14°F to 104°F (-10°C to 40°C)
Display	0.8", 6 Digit LCD w/LED backlight	Warranty	1 year limited
Enclosure	Aluminum / ABS		

Dimensions



Options

Communication: Bluetooth