

FI-80

Load Cell Indicators

- Factory calibrated
- LED or LCD display
- Wide assortment of load cell styles and fittings



Out-of-the-box Easy

Think Dillon for pre-calibrated load cell and indicator systems with the broadest range of load cell styles and connection fittings. Dillon does all of the work – systems are wired, factory calibrated and ready to begin measurement right out of the box.

The Dillon FI-80 Indicator family is perfect when looking for:

- Affordability
- Display choices
- Rechargeable battery

Ideal for manufacturing, labs, outdoor, field use and more.

Key model differences:

Model	Display Capability	Portability
FI-80 LED	Indoor and shaded outdoor	No (AC only)
FI-80 LCD	Outdoor	Yes (Rechargeable Batt.)

Load Cells

Couple your FI-80 with a Dillon load cell at the time of order and receive free factory calibration. Dillon has a wide range of popular S-beam and canister load cells to match specific application needs. A large assortment of connecting hardware makes this combination even more versatile.

Combine several load cells together and see their combined output with a load cell summing box.



Specifications

Enclosure: Heavy-duty stainless steel enclosure on stand. Outdoor use designed. (H x W x D) 7.5 x 10.5 x 3.2 in / 190 x 265 x 80 mm

Display:

LCD: 0.8 inch / 20mm 7-segment, 6 digits with backlight.

LED: 0.56 inch / 14mm 7-segment, 6 digits.

Analog to digital conversion rate: 25 times per second

Display update rate: 8 times per second

Peak detection: 0.5 second events or longer

Power:

LED: 110/220 VAC 50/60 Hz – 10 ft (3 m) cord

LCD: Internal rechargeable battery and

120VAC wall charger, 6 ft (2.5 m) cord

Approximate battery life (LCD only): 20 hrs per charge.

Operating temperature: 14° to 104° F (-10° to 40°C)

Warranty: One year

Indicator & Dillon Load Cell System

Typical accuracy: + 0.2% of load cell capacity

Displayed resolution: Typically configured to 5,000 divisions.

More Indicator Specifications

(relevant for non-factory connected load cells)

Load cell excitation: +5 VDC drives up to four 350-ohm load cells

Load cell signal: single direction 0.2 mV/V to 3 mV/V range

Displayed resolution: Typically configured to 5,000 divisions.

Can display up to 50,000 divisions.

Capacity: Front-panel configurable for values from 1 to 199,999 lb

Span range: 0.2 to 3.5 mV/V

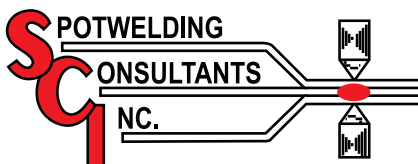
Zero range: ±0.2 mV/V

Linearity: within 0.02% of full scale

Cable connection: watertight feed-through to main board terminals



Dillon also manufactures highly accurate tensiometers, mechanical dynamometers and crane scales.



Contact SC1 for additional information and pricing.

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