

Digital Force Gauge with Interface FMI-400

Key Features

- Accurate measurement with high resolution
- Fast data collection at 1000Hz for precise capture of force peak
- RS232C-Interface, analogue output (+/- 1VDC) and digital NPN-output for overload protection in test stand application.
- Rugged aluminium die cast housing with detachable handles and hanger

Details

FMI-300 series instruments are digital force gauges designed for quality control and simple tests in various industrial applications. The series cover a wide measuring range up to 2500N (250kg).

The robust sensor module offers high resolution combined with very high overload capability and is able to measure tensile and pressure forces (pull-/push operation).

The captured values are displayed in selectable engineering units. The reversible display allows easy readout also in test stand application.

The high sampling rate (1000Hz), which is achieved through high-speed data processing, captures the peak value very precisely. This enables accurate measurements of tensile strength with high repeatability. The captured values are saved in the memory and can be recalled after the test. The advantage of the FMI-300 series is the combination of high accuracy and high resolution in one instrument with simple operations.



Order Code	Description
FM 400	Digital Force Gauge with Interface