

## Digital Force Gauge FMI-100

### Key Features

- Accurate measurement with high resolution
- Fast data collection at 1000Hz for precise capture of force peak
- Selectable engineering units for force and weight measurement
- Rugged aluminium die cast housing
- Long life sensor with 200% overload protection
- Reversible display for test stand application

### Details

FMI-100 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 500N (50kg).

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-100 series is the combination of high accuracy and high resolution in one instrument with simple operations.



Order Code	Description
FM 100	Digital Force Gauge