FS-200 Ultrasonic Micrometer

Intelligent, Hand-Held, Untrasonic Pipe-Thickness Meter

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35 Vantage Point Drive // Rochester, NY 14624 // Call 1.800.800.5001

The Fuji Electric FS-200 is a rugged and light-weight ultrasonic micrometer for measuring pipe wall thicknesses. It is the perfect companion for ultrasonic flowmeter station setup, or for piping system maintenance in general. The FS-200 can scan the pipe surface and provide a profile of the inside of the pipe, revealing corrosion and isolating weak spots while systems remain up and operational. A large backlit display is easy to read and the FS-200 will run for about 200 hours on two standard batteries. No special training is required to operate the unit. The unit even indicates the stability of its own readings.

Key Features

- **Multi-function backlit LCD display**
- **Rugged construction**
- **Advanced transducer**
- **Portable and lightweight**

Features

- **Multi-function backlit LCD display** – 4.5-digit display with large half-inch digits for easy reading. Backlight can operate by illuminating only when measurements are taken, saving battery life
- **Rugged construction** – extruded aluminum body and nickel-plated aluminum end caps, environmentally sealed, and resistant to impact, petroleum products, and water
- **Advanced transducer** – dual element (transmit and receive) transducers with quick disconnect LEMO locking connectors
- **Portable and lightweight** – weighs only ten ounces; fits in a pocket

Specifications

Measuring range 0.025 to19.99 in
Units English or metric (inch/mm)
Resolution 0.001 in (0.01 mm)
Sonic velocity range 0.0492 to 0.3937 in/µs (1250-10,000 m/s)
Zero reference Built-in reference for probe zeroing
Reading rate 4 readings per second standard, 16 readings per second in scan mode
Power (2) 1.5V AA cells; last approximately 200 hours
Transducer 1 to 10 MHz frequency range, custom transducers available.
Operating temperature -20° to 120°F
Dimensions 2.5 x 4.75 x 1.25 in. (WxHxD)
Warranty 5 years

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We attempt to provide you with complete information in this catalog. Because of the specific nature of ultrasonic technology, we strongly recommend you contact us regarding application and availability before placing your order.

Ordering Information

Included in standard delivery: Meter, transducer, sonic gel, manual, calibration certificate

FS200	Ultrasonic Micrometer ($ 1,300 if purchased with a flow meter.)	$ 1,425