

Panametrics Transport Pt868 Flowmeter



The Smallest, Lightest, Hand-Held Transit-Time Flowmeter Measures Volumetric or Energy Flow Rate and Has Built-In Data Logging & Thickness Gage
Feature Summary:

- Noninvasive clamp-on or wetted transducers
- Flow range 0.1 to 40 ft/s
- Velocity, volumetric, energy & totaled flow
- Built-in data logger for 40,000 measurements
- Rechargeable battery/up to 3 to 4 hours of continuous use
- Built-in ultrasonic pipe-thickness gage (optional)

RTDs for energy flow measurement (optional) The

TransPort Model PT868 Portable Transit-Time Flowmeter is a winner of the 1993 Chemical Processing Vaaler Award. Measuring only 5" x 9" x 2" and weighing only two pounds, the

PT868 is the smallest and lightest transit-time flowmeter available, yet big features are packed into its compact size. Its built-in datalogger is capable of storing more than 40,000 flow data points and up to 20 sets of site location parameters. There's also an optional built-in ultrasonic thickness gage. Temperature transducers are available for measuring energy flow rate. Rechargeable battery power for up to four hours of continuous remote operation is standard.

The PT868 is the most powerful portable liquid flowmeter available. It measures flow from outside plastic, metal or concrete-lined pipes nonintrusively, so there's no pressure drop, leaks or contamination. It is available with Transit-Time and TransFlection® measurement modes, so it can measure flow in ultrapure to extremely dirty liquids such as raw sewage and slurries.

The PT868's man/machine interface is the most advanced of any available flowmeter. Using the meter's large LCD and keyboard, the user has access to volumetric and energy flow rate, totalized flow and trend data, all in alphanumeric and graphic formats. It even has a built-in waveform oscilloscope function for diagnostic purposes.

Accuracy is typically 1 to 2% of reading with clamp-on and better than 1% with wetted transducers. Range is 0.1 to 40 feet per second, for a turndown ratio of 400 to 1. Current or voltage and RS232 outputs are standard. Optional thermal or impact printers are available. Measurement is obstruction less, causing no pressure drop, and is no contaminating. The TransPort flowmeter comes in an all-inclusive carrying case.