

DMTFH HANDHELD ULTRASONIC FLOWMETER

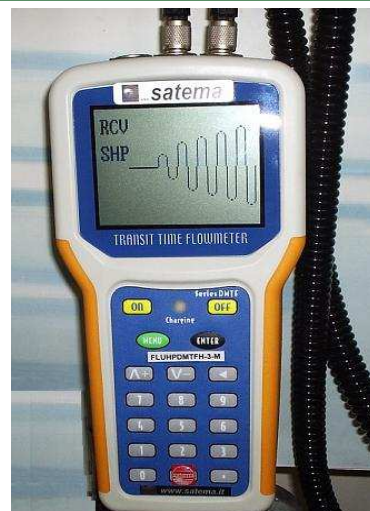
Transit time flowmeter, handy, clamp-on mounting outside the piping for measuring no intrusive flow rating in to full pipes. Suitable for several kinds of liquids: drink waters, sea water, chemicals fluids, fuels, glycol, etc. inside to cast pipes, copper, carbon steel, stainless steel, rubber, PVC, aluminium, fiber glass, PE, etc.

The instrument is provided with external data logger optional, 512 mb standard memory, upgrading up to 8G (1G, 2G, 4G, 8G) by Simcard.

Three size of transducers pairs availables:

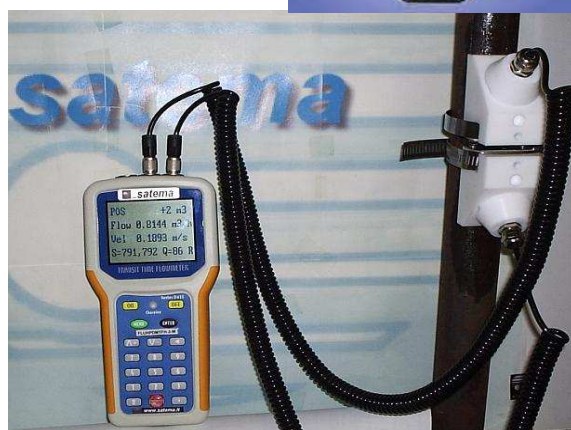
- S pipes within 12 to 50 mm.
- M pipes within 50 to 1000 mm.
- L pipes within 1000 to 4570 mm.

For smallest diameters K transducers half shell clamp on are provided to increase measuring reliability.



TECHNICAL SPECIFICATIONS

| | |
|-----------------------|--|
| Accuracy: | +/- 1% of reading flow rate over >0,5 m/s |
| Sensibility: | resolution 0,0003 m/s |
| Linearity: | 0,2% of reading |
| Velocity: | 0...12 m/s, bi-directional |
| Display: | 4x16 lines, back lights LCD, flowrate, totalization, reverse on gallons |
| Measure units: | metric, british |
| Totalization: | direct, differential, reverse or forward on gallons, ft3, lbs, liters, mc, kg... |
| Output: | 4/20 mA, pulses, RS232 or RS485 |
| Optionals output: | up to 8GB Logger, HART + 4/20 mA, ModBus |
| Liquids: | clean, 2% max soil mixed, suspended solids TSS or gases bubbles |
| Temperature: | -40...+121°C optionally -40...+250°C |
| Sizing and weights: | Transmitters 100x204x34 mm. <0,6 kg |
| Power supply: | 3 AAA Ni-H built-in batteries, 12h, rechargeable 100...240Vac |
| Accessories provided: | Battery charging, n. 2 elastic belts Software for downloading, analysis and report Carrying case 445x290x130 mm, weight < 3,5 kg Couplant grease Manual and calibration report |



SATEMA

13856 VIGLIANO B.SE - Via Milano, 395

Tel. +39 015811102 - Fax 0158853029

Mail: info@satema.it <http://www.satema.it>