



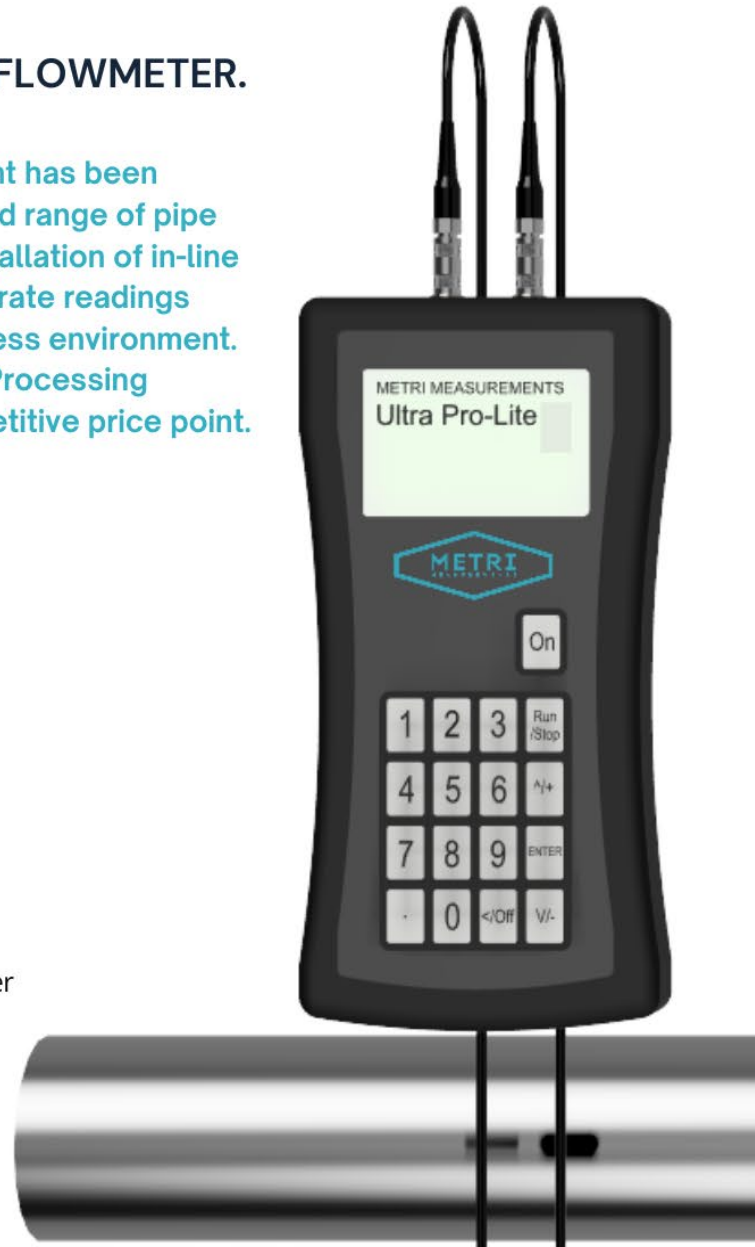
IC-UPL ULTRA PRO-LITE ULTRASONIC FLOWMETER

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This powerful clamp-on fixed installation instrument has been designed for ease of use and installation on a broad range of pipe material and in areas where space is limited or installation of in-line flow meters is impractical. Intuitive menu and accurate readings make this instrument an essential addition to process environment. This flow meter uses UK developed Digital Signal Processing technology for accurate flow rates at a very competitive price point.

Features and Benefits

- Advanced Digital Signal Processing measurement
- Suitable from DN15 to DN2000 pipe diameters
- Backlit graphics display
- 100:1 turn down ratio
- Waveform signal diagnostics
- 4 Mbyte internal datalogger
- Ability to save 12 measurement sites.
- All measured values can be totalised
- Optional wall thickness
- Battery Life 12 hours (PP3 rechargeable Lithium battery (x2 supplied) or (USB power)
 - Temperature Range: Read out unit: -10 to 65 °c, Transducer -30 to 80°C
- Supplied with Protective Rubber Case
- Supplied with Transducer Rail and Straps



Summary

- Brand: Metri
- Category: Ultrasonic Flow Meter
- Fluid Type: Water, Petra Chemicals, Any sonically conductive Liquid
- Part Ref: IC-UPF

Suitable for following market sectors

- Industrial & Energy
- Medical & Science
- Oil & Gas
- Power Generation
- Water & Wastewater

Suitable for use with the following liquids:

- Chemical
- Clean Water
- Dirty Water
- Fuel & Oil

Dimensions



t: +1 (832) 899-4040

e: sales@seztec.com

www.seztec.com

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SPECIFICATION DETAILS

Pipe Size	15mm to 2000+ mm
Compatibility	Any clean fluid (full pipe). Gas/solids <10% of Volume
Weight	850g
Flow Range	0.01 to 25m/s
Resolution	0.25mm/s.
Measurement Rate	1 Hz as standard (see options below)
Repeatability	0.15% of measure value
Accuracy	+/- 1-3% of measured value depending on application, +/- 0.5% of measured value with process calibration against reference meter.
Turn down ratio	1:100
Dimensions	215 x 185 x 100mm
Approvals	IP65 enclosure
Display	215 x 160-pixel graphics display with backlight
Keypad	15-key tactile keypad with audio feedback
Power	25 to 25Vac and 12 to 24dc at 10W
Transducer Material	Stainless steel and PEEK
Transducer Temperature Range	-10 to 80°C
Transducer Rating	IP68
Transducer Cable Length	10 standard- longer cables are available
Transducer Dimensions	60 x 30 x 35mm (SM Sensor) 40 x 20 x 25 (locations with limited access)

Supplied with: Main Unit, Protective Rubber Case, Sensors, Water Based coupling Gel, Tape Measure, Clamping Rail, 2 PP3 Lithium-ion rechargeable batteries, Micro USB (data) and USB-C (charge) Cables, Carry Case



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Ordering

Pro-Lite

iCenta Order Number	Pipe Sizes (MM)	Sensor Size	Transducer IP Rating
IC-UPF-10-L-IP54	25 – 1200 +	1 MHz Large	54
IC-UPF-10-L-0-L-IP68	25 – 1200 +	1 MHz Large	68
IC-UPF-40-S-IP54	10 - 100	4 MHz Small	54
IC-UPF-40-S-IP68	10 - 100	4 MHz Small	68

Optional Sensors

IC-US-WTG-LEMO	THICKNESS GAUGE	Wall thickness gauge (WTG)
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