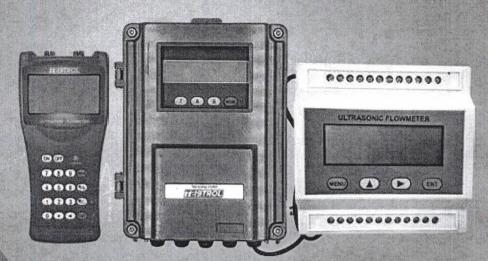


TI=XTRC

Ultrasonic Clamp-On **Flow Meter**

Tek-Clamp 1200A





FEATURES

- Better than ±1.0% accuracy
- Pipe diameters from 1/2" to 28"
- Protection class: IP65 (Tek-Clamp 1200A-100F1), IP57 (Tek-Clamp 1200A-100M)
- 4 × 4 key tactile-feedback membrane keypad
- Power supply AC 85-264 V or isolation DC 8-36 VDC
- LCD with backlight 2 x 20 letters



APPLICATIONS

- Power plants
- Water, wastewater treatment plants
- Mining and metallurgy plants
- Petroleum process monitoring and control
- Chemical process monitoring and control

CONTACT US



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SPECIFICATION

Parameters		rs	Specification
	Accuracy		±1% of Reading
Main Unit	Velocity		±0.03 to ±100 ft/s (±0.01 to ±30m/s)
	Repeatability		0.2%
	Measurement Period		0.5 Seconds
	Measurement Principle		Transit-time measurement principle
	Display		LCD with backlight 2 x 20 letters
	Output	100F1	Modbus RS485 4-20 mA, Pulse
	Input	100M	Modbus RS485 4-20 mA, Pulse
		100H	None
			Two channels three wire system PT100 platinum resistor input loop. For BTV process monitoring
	Other functions		Automatically stores the memory of the positive, negative, net totalizer flow rate and heat quantity of the last 512 days, 128 months, 10 years
	Power	100F1	85 to 264 VAC or 8 to 36 VDC
		100M	8 to 36 VDC
		100H	Rechargeable nickel metal hydride battery
	Power Consumption		Less than 1.5W
	Environment Temperature		-22 °F to 176 °F (-30 °C to 80 °C)
	Environment Humidity		85% RH
	Protection Class		IP65 (Tek-Clamp 1200A-100F1)
Ŋ	Clamp-On		IP57 (Tek-Clamp 1200A-100M and 1200A- 100H) S2-type: for pipe size ½"- 4" (DN0.04-DN0.33 ft)
ıceı			M2-type: for pipe size 2"- 28" (DN0.16-DN2.33 ft)
Liquids Transducers			HS-type: for pipe size ½"- 4" (DN0.04-DN0.33 ft)
	Protection Class		HM-type: for pipe size 2"- 28" (DN0.16-DN2.33 ft)
			IP68, can work in water with depths less than 10' (3 m)
	Types		Virtually all commonly used clean liquids. Liquids with small quantity of tiny particles may also be applicable. Particle size should be less than
			75 um, particle concentration less than 20,000 ppm. Liquids should
			contain no or very minor air bubbles.
0.00	Process Temperature		-40 °F to 320 °F (-40 °C to 160 °C)
Pipe	Pipe Material Pipe Size		All metals ,most plastics, fiber glass, etc. 1/2" – 28" (DN 0.04 ft-2.33 ft)
	Pipe Straight Run		More than 10 D for upstream, more than 5 D for downstream, 30 D if a
			pump is near upstream, where D is pipe diameter.