

TR600H

ULTRASONIC CLAMP-ON FLOW METER

INTRODUCTION

TR600H is a handheld battery operated Ultrasonic Flow meter.

It is a versatile flow meter for flow metering surveys of liquids in following application areas:

Raw Water (Pumping stations Water Drawl Metering)

Chilled water (HVAC plant efficiency monitoring)

Potable water (Water Distribution network Survey)

D.M. water (Flow metering without contacting the high purity water)

Oils/Organic solvents/Hydrocarbons (Monitor these for energy studies)

Using time proven Ultrasonic Transit time flow metering principle, TR600H achieves a flow metering for pipes ranging from 15 mm to 3000 mm. It is also an ideal instrument for energy audit requirements.

TR600H is battery operated and comes with a portable carry-case including Hand Held instrument with Clamp-on Sensor, battery charger, cables and transducer clamps and is compatible with almost all pipe materials found in industry.



FEATURES

Choice of Three Transducers

TS2= 15 mm to 100 mm

TM1= 50 mm to 700 mm

TL1= 300 mm to 3000 mm

Choice of Liquid Temp.

Standard Temp (-30 to 90 °C)

Extended Temp (-30 to 160°C)" add suffix "H"

Built-in Data Logger

Optional

PC Down Load Utility for Logged Data and USB interface

High Reliability & Long life, Excellent application & Service supported by flow metering experts.

SPECIFICATIONS	
Accuracy	Typically $\pm 1\%$ above 0.5m/s Max $\pm 2\%</math>.$
Linearity	$\pm 0.5\%</math> or better$
Repeatability	$\pm 0.2\%</math> or better$
Damping	0-999 seconds, user-settable
Velocity	± 0.1 to ± 32 mtrs/s bi-directional
Pipe Sizes	DN -15mm to 3000mm (with appropriate Transducers)

Pipe Material	All metals, most plastics & lined pipe
Units	Metric or English (U.S.) settable
Totalizer	7-digit totals for net, positive and negative flow
Liquid Types	Virtually all clean liquids and liquids with minor solids (<10,000ppm). Full pipe Liquid
Temp. ratings of transducers	-30°C + 90°C for TS2, TM1 ,TL1 -30°C to +160°C for TS2H and TM1H
Transducers Site Data	Repeatedly used Setup values can be memorized for quick set-up
Display	4 lines x16 character Back-lit Alphanumeric
Computer Interface	RS232C (USB cable with Data Down load utility-Optional as per order)
Transducer Cable	Standard 2 x 5m long
Power	Internal rechargeable battery. When fully recharged it will last ~ 6 hours of operation. AC Adapter supplied for charging and continuous use.
Data Logger	upto 2000 characters of data
Weight	Hand held unit : ~0.6kg Full Unit with Carry Case : ~6.5kg
Transducer options	TS2 & TS2H types for 15mm to 100 mm pipes TM1 & TM1H types for 50mm to 700 mm pipe TL1 type for 300 mm to 3000 mm (Please select one or more transducers as per your needs)



Complete Kit in Standard Carrying Case

Optional Rugged & Compact Case

Manufactured By :

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Marketed By :

Specifications subject to change due to continuous development .Please confirm before ordering.