



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 with battery charger, cables and transducer clamps and can be used on most pipe materials used in industry.

FEATURES



Choice of Three Tansducers

TS2= 15 mm to 100 mm pipes

TM1= 50 mm to 700 mm pipes

TL1= 300 mm to 3000 mm pipes

Choice of Liquid Temp.

Standard Temp(0 to 70 °C)

Extended Temp (-30 to 160°C)

Built-in Data Logger

Optional

PC Down Load Utility for Logged Data and USB interface

High Reliability & Long life Excellent application & Service support by Flow metering experts.

SPECIFICATIONS	
Accuracy	Typically $\pm 1\%$ above 0.5m/s Max $\pm 2\%</math>.$
Linearity	$\pm 0.5\%$ or better
Repeatability	$\pm 0.2\%$ or better
Damping	0-999 seconds, user-settable
Velocity	± 0.1 to ± 32 mtrs/s bi-directional
Pipe Sizes	DN -25mm to 3000mm (as per 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 pipeLiquid
Temp ratings of transducers	0°C - 70°C for TS2, TM1 ,TL1 -30°C to +160°C for TS2H and TM1H
TransducersSite Data	Repeatedly used Setup values can be memorized for quick set-up later
Display	4 lines x16 character Back-lit Alphanumeric
Computer Interface	RS232C (add USB cable as optional with Data Download utility)
Transducer Cable	Standard 2 . 5m long
Power	Internal rechargeable battery. When fully recharged it will last ~10 hours of operation. AC Adapter supplied for charging and continuous use.
Data Logger	
Weight	Weight Hand held unit : ~0.6kg Full Unit with Carry Case:~6.5kg Transducer
	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 options while ordering)



Complete Kit in Standard Carrying Case



Optional Rugged & Compact Case

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