

TRODEKS®

RELIABLE
MEASUREMENT
& CONTROL

Application Areas

Water & Waste Water
River Water
Cooling Water
Demineralized Water
Glycol Solutions
Hydraulic Oil
Diesel & Fuel Oil
Chemicals
Petrochemicals

User-Friendly Operating System

Works with Wide Range of Liquids

**Works from the Outside of
Common Pipe Materials**

Wide Measuring Ranges Up to DN6000

Easy and Fast Mounting

TRTF-UF

TRANSIT TIME ULTRASONIC FLOWMETER



TRODEKS®

TRTF-UF

ULTRASONIC
TRANSIT TIME
FLOWMETER

TRTF-UF

Accurate Flow Measurement of Clean Liquids with Non-Contacting Transducers

TRTF-UF Transit Time Flowmeter is ideal to measure flow rate of clear, non-aerated fluids in full pipes. Works best on fluids that have less than 2% particulate or gas bubbles



TRANSMITTER

Operating : For clean liquids in full pipes with less than 2% Solids, gas bubbles or suspended solids

Display : 128x64 Dot Matrix LCD

Sensitivity : 0.003 m/s

Accuracy : $\pm 1\%$ of reading value, Linearity: $\pm 0.5\%$, Repeatability: $\pm 0.2\%$

Power Supply : 85-265 VAC or 24 VDC

Output : 4-20mA, Pulse and Relay

Communication : Modbus through RS485 serial port

Operating Temp : $-20 \dots 60$ °C

Protection : IP65

TRANSDUCERS

Op. Ranges : S (20-50 mm), M (40-1000 mm), L (1000-6000)

Any metal or plastic sonic conducting material including carbon steel, stainless steel, ductile iron, cast iron, aluminum, PVC, PVDF, fiberglass, copper, brass and pipes with bonded liners including epoxy, rubber, teflon ... etc.

Mounting Kit : Includes set of pipe clamps and coupling compound

Operating Temp : $-20 \dots 85$ °C

Protection : IP67, Optional IP68



Install TRTF-UF Flowmeter without cutting the pipe or shutting down flow. It operates on a wide range of metal and plastic pipe sizes and takes just a few minutes to calibrate and start-up

TRTF-UF