



TSS Portable Hand-held Turbidity

GENERAL:

Cable Length:

10 m (32.8 ft.) cable with marks for distance

Current Input:

Approx. 60 mA

Display:

Alphanumerical display, 4 rows of 16 characters

Material:

Sensor Body: stainless steel

Probe: stainless steel

Sensor Window: sapphire

MEASUREMENTS:

Modes:

Continuous measurement, integration time settings 0 - 1000 seconds

Principle:

Combined multiple beam alternating light method with infrared diode system and beam focusing.

Turbidity: 2-channel 90° scattered light measurement in accordance with DIN/EN 27027/ISO 7027, additional measurement value verification through six-channel multiple-angle measurement.

Solids: Modified absorption measurement; six-channel multiple-angle measurement.

Range TSS:

0.001 to 400 g/L upper range depending on sample characteristics

Range Turbidity:

0.001 to 9999 FNU

SPECIFICATIONS:

Operating Pressure:

0 to 10 bar (0 to 145 psi)

Operating Temperature Range:

0 to 60 °C

Power:

Automatic shut down after 4 minutes (if no button has been pressed and no permanent measurement is activated)

Precision Suspended Solids:

< 4 % ± 0.001 g/L 0.001 g/L, whichever is greater

Precision Turbidity:

< 3 % or ± 0.02 NTU, whichever is greater

Pressure Range:

Max. 10 bar

Protection Class:

Probe IP68; Control unit IP 55

Range:

TSS 0.001 to 400g/L, Turbidity 0.001 to 9999 FNU

Relative Humidity:

0 to 95 %

Resolution:

Suspended Solids: 0.1 at 10 to 99.9 g/L

Resolution turbidity:

0.01 at 1 to 9.99 NTU

Wavelength:

860 nm



For contact details please visit
our website www.marcon.se