



TSS Portable Handheld instrument for Turbidity/Suspended Solids, 10 m

Številka izdelka:

LXV322.99.00001

EUR Cena:

Kontakt

Odprema v 1 tednu

TSS Portable Hand-held Turbidity, Suspended Solids, and Sludge Blanket Level Instrument

Compact instrument for analytical determination by continuous measurement mode with integration time setting.

Adjustment of up to 5 measuring points, storage of measuring values with name, date and time. Shockproof.

Combined multiple beam alternating light method with infrared diode system and beam focusing; wavelength 860 nm. The measurement ranges for turbidity and suspended solids are: 0.001- 9999 FNU and 0.001-400 g/L respectively.

Ideal for use in the field, thanks to compact design

The Hach TSS Portable hand-held turbidity, suspended solids, and sludge blanket level instrument's unique multi-beam alternating light method with infrared diode system gives it a broad measuring range for both turbidity and suspended solids in one portable handheld instrument.

Internal memory for measured values and sample information

It stores up to four different calibration curves for suspended solids and one for turbidity. There's no need for constant re-calibration for different locations or types of sludge.

User friendly menu and clear display

The sludge blanket level can be measured by setting the units to mg/L, g/L or percent. Calibrate the instrument and then slowly lower the sensor into the clarifier. The suspended solids concentration will significantly increase as it reaches the sludge blanket level. Once the blanket level is reached, examine the sensor cable which is marked every meter to determine the sludge blanket level depth from the water surface.

Battery status always visible

The instrument software automatically compensates for air bubbles to prevent its influence on the measurement. Turbidity is pre-calibrated with a calibration curve stored in the instrument. For suspended solids, each of the calibration curves can be closely adjusted to the laboratory results because each calibration curve can use up to three points per curve plus a zero value.

Durable materials for long life

The probe is made of polished stainless steel with a scratch-resistant sapphire window to withstand harsh environments. Polished stainless steel helps keep particles from sticking to the surface of the probe. The internal memory stores up to 290 measuring values, including time, date, measurement, location, and homogeneity. Three operating modes are available: single, interval, or continuous.

Specifikacije

Delovna temperatura:	0 - 60 °C
Dimenzija:	Meter (H x W x D): 110 mm x 230 mm x 40 mm
Dolžina kabla:	10 m cable with marks for distance
Garancija:	24 mesecev

Material:	Sensor Body: stainless steel
Merilni način:	-Grab sample with saving of permanent measurement
Merilno načelo:	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 though six-channel multiple-angle measurement;
	Solids: Modified absorption measurement;
	six-channel multiple-angle measurement;
Merilno območje:	0,001 - 9999 FNU
Moč:	Automatic shut down after 4 minutes (if no button has been pressed and no permanent measurement is activated)
Natančnost:	< 4 % or ± 0.001 g/L , whichever is greater
Območje tlaka:	Najv. 10 bar
Razred zaščite:	Probe IP68; Control unit IP55
Relativna vlažnost:	0 - 95 %
Resolucija:	Suspended Solids: 0.01 at 1 - 9.999 g/L
Resolution turbidity:	0,01 @ 1 - 9,99 NTU
Set?:	Da
Spomin:	Up to 290 measuring points
Teža:	Probe: 1.6 kg; Meter: 0.54 kg
Tlak delovanja:	0 to 10 bar
Trenutni vhod:	Approx. 60 mA
Vsebina paketa:	Complete system including meter, probe, rechargeable batteries, charger for rechargeable batteries with four plug adapters, manual, quick start guide and carrying case.
Zaslon: LCD (osvetlitev iz ozadja):	Alphanumerical display, 4 rows of 16 characters

Vsebina paketa

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