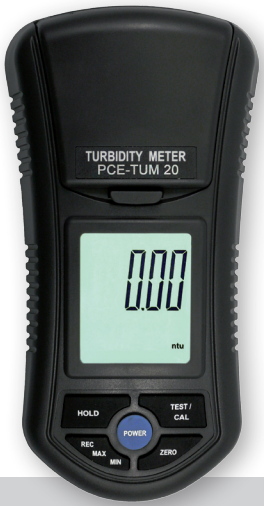
Dissolved Oxygen Meter/Water Analysis Meter

PCE-TUM 20

Turbidity Meter According to ISO 7027

- infrared turbidity measurement method
- stray light and transmitted light measurements
- Data Hold, Max and MIN memory
- 0 NTU and 100 NTU calibration
- Automatic Power Off (after 5 min)



TOP seller

TECHNICAL SPECIFICATIONS

Meas. range	0.00 ... 50.00 NTU / 50 ... 1,000 NTU
Resolution	0.01 NTU / 1 NTU
Accuracy	±0.5 NTU or ±5 % of the display (depending of which is greater)
Calibration	2 points (0 and 100 NTU)
Light source	infrared LED, 850 nm
Service life	almost unlimited
Measuring time	<10 s
Light detector	photodiode
Power supply	6 x 1.5 V AAA batteries (included)
Oper. conditions	0 ... +50 °C / <85 % RH
Dimens. / weight	155 x 76 x 62 mm (HxWxD) / 320 g

INCLUDES

Turbidity meter, 0 NTU / 100 NTU standards, 2 x cuvettes, batteries, carrying case, instruction manual

ITEM NO.	ITEM
K-PCE-TUM 20	turbidity meter

OPTIONAL ACCESSORIES

K-TU-0NTU	spare calibration solution 0 NTU
K-TU-100NTU	spare calibration solution 100 NTU

HI 98713-02

Turbidity Meter According to ISO 7027

- 3 modes: normal, average and permanent mode
- Equipped with T.I.S. data management system
- memory function / computer interface
- Automatic Range Selection / calibration
- Automatic Power Off after 15 min
- light source infrared LED 860 nm
- silicon photocell light detector

TECHNICAL SPECIFICATIONS

Meas. range	0.00 ... 9.99 / 10.0 ... 99.9 / 100 ... 1,000 FNU
Resolution	0.01 FNU of 0.00 ... 9.99 FNU 0.1 FNU of 10.0 ... 99.9 FNU 1 FNU of 100 ... 1,000 FNU
Accuracy	±2 % of measurem. range +0.1 FNU
Calibration	up to 4 points (0.1; 15; 100; 750)
Memory	200 measurements
Interface	RS-232 / USB
Method	ISO 7027 / ratio - 90° and 180°
Power supply	4 x 1.5 V AA or mains adaptor 12 V
Dimens. / weight	224 x 87 x 77 mm / 512 g

INCLUDES

Device, cuvettes + lids, silicone oil, cleaning wipes, turbidity kit, i-Button, bat., adpt, carrying case, manual

ITEM NO.	ITEM
K-HI 98713-02	hand-held turbidity meter

OPTIONAL ACCESSORIES

K-HI 92000	software, Windows
K-HI 920013	USB interface cable
K-HI 93703-50	cuvette cleaning solution
K-HI 731318	cleaning wipes for cuvettes

HI 9146

Waterproof Oxygen Analyser

- two models available with different cable lengths
- Hold function for freezing measurement values
- indicates oxygen content and temperature
- Clark-type oxygen sensor
- includes 2 replacement membranes, electrolyte solution and batteries

TECHNICAL SPECIFICATIONS

Measurement range	mg/l O_2	0.00 ... 45.00
	% saturation O_2	0.0 ... 300.0
	°C	0.0 ... 50.0
Accuracy	mg/l O_2; % satur.	±1.5 % of rdg
	°C	±0.2
Calibration	automatic, in air, 100 %	
Temp. compensation	automatic, 0 ... +50 °C	
Salt compensation	0...80 g/l with 1 g/l resolution	
Altitude compens.	0 ... 4,000 m with 100 m resolution	
Power supply	3 x AAA batteries	
Operating conditions	0 ... +50 °C / 95 % RH	
Dimensions / weight	185 x 72 x 96 mm / 300 g	

INCLUDES

Device with sensor (cable length depends on model), 2 spare membranes, KCl solut., bat., carr. case, manual

ITEM NO.	ITEM
K-HI 9146-04	meter with 4 m cable
K-HI 9146-10	meter with 10 m cable

OPTIONAL ACCESSORIES

K-HI 7041S	KCl electrolyte solution, 30 ml
K-HI 76407 A/P	spare membranes, pack of 5
K-HI 76407-10F	spare sensor with 10 m cable