

TC3000we/wi

Turbidity • Chlorine • Color



Industry-leading precision, sensitivity, and dependability in one of the most innovative handheld meters available on the market!

1.800.561.8187

www.itm.com

information@itm.com

TC3000we/wi

Code	Description	Price
1969-EPA	TC3000 we: Turbidity (EPA 180.1), Chlorine (EPA 330.5), Color (Standard Methods 2120 B)	
1969-ISO	TC3000wi: Turbidity (ISO 7027), Chlorine (Standard Methods 4500-Cl-G), Color (Standard Methods 2120 B)	



Supplied with 0, 1, and 10 NTU standards, sample bottle, 4 sample tubes, 100 each free and total chlorine DPD tablets, and USB cable and computer/wall adapter.

Order Code	Description
0290-6	Six pack of tubes
1480	0 NTU/FNU Standard (EPA and ISO), 60 mL
1450	1 NTU Standard (EPA), 60 mL
1451	10 NTU Standard (EPA), 60 mL
1452	100 NTU Standard (EPA), 60 mL
1453	1 FNU Standard (ISO), 60 mL
1454	10 FNU Standard (ISO), 60 mL
1455	100 FNU Standard (ISO), 60 mL
6903A-J	Chlorine DPD #1 Tablets, 100
6197A-J	Chlorine DPD #3 Tablets, 100
1720	USB Cable, 3 ft.
1721	USB Wall Adapter (requires 1720)
1910-CD	SMARTLink3 Software
5-0132	Car Charger

Specifications:

Instrument Type	Turbidity: Nephelometer Color: Colorimeter Chlorine: Colorimeter
Unit of Measure	Turbidity: NTU (TC300we only), FNU (TC3000wi only), AU, FAU, ASBC, EBC Color: Platinum Cobalt Color Units (cu) Chlorine: Parts Per Million (ppm), Milligrams Per Liter (mg/L)
Range*	Turbidity: 0-4000 NTU/FNU, 0-10,500 ASBC, 0-150 EBC Color: 0-1000 cu Chlorine: 0-1000 ppm free & total chlorine
Resolution*	Turbidity: 0.01 NTU/FNU, 0.00-10.99 NTU/FNU Range 0.1 NTU/FNU, 11.0-109.9 NTU/FNU Range 1 NTU/FNU, 110-4000 NTU/FNU Range Color: 1 cu, 0-1000 cu Range Chlorine: 0.01 ppm, 0.00-5.00 ppm Range 0.1 ppm, 5.0-10.00 ppm Range
Accuracy*	Turbidity: From 0-2.5 NTU/FNU the accuracy is ± 0.05 NTU/FNU. From 2.5-100 NTU/FNU the accuracy is $\pm 2\%$. Above 100 NTU/FNU the accuracy is $\pm 3\%$. Color: ± 15 cu Chlorine: Tablet: 0-1.0 ppm Range: ± 0.03 ppm 1.0-3.0 ppm Range: ± 0.06 ppm 3.0-6.0 ppm Range: ± 2.5 ppm 6.0-10.0 ppm Range: ± 2.5 ppm Liquid: 0-0.5 ppm Range: ± 0.03 ppm 0.6-3.0 ppm Range: ± 0.03 ppm 3.0-8.0 ppm Range: ± 0.03 ppm 8.0-10.0 ppm Range: ± 0.03 ppm
Detection Limit	Turbidity: 0.05 NTU/FNU Color: 20 cu Chlorine: 0.03 ppm
Range Selection	Automatic
Reproducibility*	0.02 NTU/FNU, or 1%
Light Source	Turbidity: Tungsten lamp 2300°C $\pm 50^\circ\text{C}$ (TC3000we), complies with EPA 180.1 860nm IR LED 850 nm ± 10 nm, spectral bandwidth 50 nm (TC3000wi), complies with ISO 7027 Color: 428 ± 2 nm UV LED Chlorine: 525 ± 2 nm LED

*Over 600 NTU/FNU units expressed as AU/FAU

Meter Features

Waterproof	IP67
Signal Averaging	Turbidity
Power	USB computer/wall adapter or Lithium ion rechargeable battery 2200 mAh, 3.7V, 2.5" x .75", 1.7 oz
Data Logging	500 points
Auto Shut-Off	Disabled, 5, 10, 30 minutes
Languages	English, French, Spanish, Japanese, Italian, Portuguese, Chinese
Response Time	<2 seconds
Dimensions	8.4 W x 19.05 D x 6.35 H cm 3.5 W x 7.5 D x 2.2 H inches