

# TC3000we/wi

Turbidity • Chlorine • Color



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

# TC3000we/wi

Code	Description	Price
1969-EPA	<b>TC3000 we:</b> Turbidity (EPA 180.1), Chlorine (EPA 330.5), Color (Standard Methods 2120 B)	
1969-ISO	<b>TC3000wi:</b> 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	<b>Turbidity:</b> Nephelometer <b>Color:</b> Colorimeter <b>Chlorine:</b> Colorimeter
Unit of Measure	<b>Turbidity:</b> NTU (TC300we only), FNU (TC3000wi only), AU, FAU, ASBC, EBC <b>Color:</b> Platinum Cobalt Color Units (cu) <b>Chlorine:</b> Parts Per Million (ppm), Milligrams Per Liter (mg/L)
Range*	<b>Turbidity:</b> 0-4000 NTU/FNU, 0-10,500 ASBC, 0-150 EBC <b>Color:</b> 0-1000 cu <b>Chlorine:</b> 0-1000 ppm free & total chlorine
Resolution*	<b>Turbidity:</b> 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 <b>Color:</b> 1 cu, 0-1000 cu Range <b>Chlorine:</b> 0.01 ppm, 0.00-5.00 ppm Range 0.1 ppm, 5.0-10.00 ppm Range
Accuracy*	<b>Turbidity:</b> From 0-2.5 NTU/FNU the accuracy is $\pm 0.05$ NTU/FNU. From 2.5-100 NTU/FNU the accuracy is $\pm 2\%$ . Above 100 NTU/FNU the accuracy is $\pm 3\%$ . <b>Color:</b> $\pm 15$ cu <b>Chlorine:</b> Tablet: 0-1.0 ppm Range: $\pm 0.03$ ppm 1.0-3.0 ppm Range: $\pm 0.06$ ppm 3.0-6.0 ppm Range: $\pm 2.5$ ppm 6.0-10.0 ppm Range: $\pm 2.5$ ppm Liquid: 0-0.5 ppm Range: $\pm 0.03$ ppm 0.6-3.0 ppm Range: $\pm 0.03$ ppm 3.0-8.0 ppm Range: $\pm 0.03$ ppm 8.0-10.0 ppm Range: $\pm 0.03$ ppm
Detection Limit	<b>Turbidity:</b> 0.05 NTU/FNU <b>Color:</b> 20 cu <b>Chlorine:</b> 0.03 ppm
Range Selection	Automatic
Reproducibility*	0.02 NTU/FNU, or 1%
Light Source	<b>Turbidity:</b> Tungsten lamp 2300°C $\pm 50^\circ\text{C}$ (TC3000we), complies with EPA 180.1 860nm IR LED 850 nm $\pm 10$ nm, spectral bandwidth 50 nm (TC3000wi), complies with ISO 7027 <b>Color:</b> 428 $\pm 2$ nm UV LED <b>Chlorine:</b> 525 $\pm 2$ 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