



TC3000we/wi Turbidity·Chlorine·Color

TC3000we/wi Turbidity, Chlorine & Color Meter

Order Code 1969-EPA; Order Code 1969-ISO · Price: \$1,375.00

- Ideally suited for both low-level drinking water applications as well as monitoring high turbidity in the field
- Four detector design allows for long term stability over a wide range of operational conditions
- Special focusing optics
- Advanced IR emitter (TC3000wi only)
- Supports 6 languages: English, French, Spanish, Japanese, Italian, Portuguese, Chinese
- Data logging up to 500 points with a date and time stamp; — stored tests can be viewed on the meter or downloaded to a PC
- Easy-to-read graphic LCD display
- Easy menu-driven operation



IP67
WATERPROOF

EPA
180.1

ISO
7027

2
YEAR
WARRANTY



Industry-Leading Precision, Sensitivity, & Dependability!

TC3000we/wi Turbidity, Chlorine & Color Meter

TC-3000we US EPA Compliant, Order Code 1969-EPA:
Turbidity (EPA 180.1), Chlorine (EPA 330.5), Color (Based on
Standard Methods 2120 C) Meter · Price: \$1,375.00

TC-3000wi ISO Compliant†, Order Code 1969-ISO:
Turbidity (ISO 7027), Chlorine (Standard Methods 4500-Cl-G and
EPA 330.5), Color (Based on Standard Methods 2120 C) Meter ·
Price: \$1,375.00

The TC3000w is a precision turbidity, chlorine, and color meter and one of the most innovative handheld meters available on the market. Supplied with 0, 1, and 10 NTU standards, sample bottle, 6 sample tubes, 100 each Free and Total Chlorine DPD tablets, USB cable and computer/wall adapter.



Accessories

| Order Code | Description | Price |
|------------|---|---------|
| 0290-6 | Six pack of tubes | \$32.55 |
| 1480 | 0 NTU/FNU Standard (EPA and ISO), 60 mL | 32.00 |
| 1450 | 1 NTU Standard (EPA), 60 mL | 49.95 |
| 1451 | 10 NTU Standard (EPA), 60 mL | 49.95 |
| 1452 | 100 NTU Standard (EPA), 60 mL | 49.95 |
| 1453 | 1 FNU Standard (ISO), 60 mL | 49.95 |
| 1454 | 10 FNU Standard (ISO), 60 mL | 49.95 |
| 1455 | 100 FNU Standard (ISO), 60 mL | 49.95 |
| 6903A-J | Chlorine DPD #1 Tablets, 100 | 14.50 |
| 6197A-J | Chlorine DPD #3 Tablets, 100 | 14.50 |
| 1720 | USB Cable, 1m [3 ft.] | 6.05 |
| 1721 | USB Wall Adapter [requires 1720] | 18.15 |
| 1901-CD | SMARTLink3 Software | 74.60 |
| 5-0132 | Car Charger | 42.75 |



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Meter Features

| | |
|------------------|--|
| Waterproof | IP67 |
| Signal Averaging | Turbidity |
| Power | USB computer/wall adapter or Lithium ion rechargeable battery 2200 mAh, 3.7V |
| 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 cm W x 19.05 cm D x 6.35 cm H; 3.5" W x 7.5" D x 2.2" H |

Turbidity

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|------------------|--|
| Unit of Measure | NTU [TC300we only], FNU [TC3000wi only], AU, FAU, ASBC, EBC |
| Range* | 0-4000 NTU/FNU, 0-10,500 ASBC, 0-150 EBC |
| Resolution* | 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 |
| Accuracy* | From 0-2.5 NTU/FNU the accuracy is ±0.05 NTU/FNU. From 2.5-100 NTU/FNU the accuracy is ±2%. Above 100 NTU/FNU the accuracy is ±3%. |
| Detection Limit | 0.05 NTU/FNU |
| Range Selection | Automatic |
| Reproducibility* | 0.02 NTU/FNU, or 1% |
| Light Source | TC3000we: Complies with EPA 180.1 and Standard Methods 2130 B TC3000wi: Complies with ISO 7027 |

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

Chlorine

| | |
|-----------------|--|
| Unit of Measure | Parts Per Million [ppm], Milligrams Per Liter [mg/L] |
| Range | 0-10.00 ppm Free & Total Chlorine |
| Resolution | 0.01 ppm, 0.00-5.00 ppm range; 0.1 ppm, 5.0-10.00 ppm range |
| Accuracy | 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: ±0.06 ppm; 3.0-6.0 ppm range: ±0.4 ppm; 6.0-10.0 ppm range: ±1.5 ppm |
| Detection Limit | 0.03 ppm |
| Light Source | Complies with Standard Methods 4500-Cl-G and EPA 330.5 |

Color

| | |
|-----------------|----------------------------------|
| Unit of Measure | Platinum Cobalt Color Units [cu] |
| Range | 0-1000 cu |
| Resolution | 1 cu, 0-1000 cu range |
| Accuracy | ±15 cu |
| Detection Limit | 20 cu |
| Light Source | Based on Standard Methods 2120 C |

† The ISO compliant light source provides extended lifetime and better precision and accuracy of turbidity readings on colored samples and samples with high turbidity.