



The Clear Choice...



...for Turbidity Measurement

Instrumentation for the lab and field!

LTC3000w

Turbidity • Chlorine • Color

The dependable choice for your next **bench-top turbidimeter**, now measures chlorine and color.

The **NEW LTC3000** is a benchtop turbidity, chlorine and color meter with wide range and high accuracy. ISO unit also available. The meter meets EPA 180.1 for turbidity and EPA 330.5 for chlorine. The turbidity range is 0-4,000 NTU with a MDL of 0.05 NTU. The free and total chlorine range is 0-10 ppm with a MDL of 0.03 ppm. The meter can store 500 data points which can be downloaded to a computer, features 7 different languages, and runs on rechargeable batteries or a USB computer/wall adapter.



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.

Turbidity Specifications:

Unit of Measure	NTU, FNU, AU, FAU, ASBC, EBC
Range*	0-4000, 0-10,500 ASBC, 0-150 EBC
Resolution*	0.01 NTU/FNU 0.00-10.99 0.1 NTU/FNU 11.0-109.9 1 NTU/FNU 110-4000
Accuracy*	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 $\pm 3\%$.
Detection Limit	0.05 NTU/FNU
Range Selection	Automatic
Reproducibility*	0.02 NTU/FNU, or 1%
Light Source	Tungsten (EPA), complies with EPA 180.1 860nm LED (ISO), complies with ISO 7027

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

Chlorine Specifications:

Range	0-10 ppm, Free and Total Chlorine
Resolution	0.00-5.00 ppm Range: 0.01 ppm 5.0-10.0 ppm Range: 0.1 ppm
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: ± 0.3 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
Response Time	<2 seconds
Light Source	525 nm LED, complies with EPA 330.5

Color Specifications:

Range	0-1000 cu
Detection Limit	20 cu
Accuracy	± 15 cu
Light Source	428 nm LED

Meter Features

Signal Averaging	Disabled, 2, 5, 10
Power	USB computer cable, wall adapter or Lithium ion rechargeable battery, 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	8.75 W x 7.75 D x 3 H inches 22.2 W x 19.7 D x 7.6 H cm
Meter Weight	1.5 lbs; 680 g
Ship Weight	6 lbs; 2.72 Kg

LTC3000we/wi

Code	Description
1972-EPA	LTC3000we • Turbidity (EPA 180.1), Chlorine (EPA 330.5), Color (Based on Standard Methods 2120 C) Meter
1972-ISO	LTC3000wi • Turbidity (ISO 7027), Chlorine (Standard Methods 4500-Cl-G), Color (Based on Standard Methods 2120 C) Meter

Accessories

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
1721	USB Wall Adapter (requires 1720)
1901-CD	SMARTLink3 Software