

The Clear Choice...



...for Turbidity Measurement

Instrumentation for the lab and field!

2020w

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

- » Waterproof to IP67
- » Lithium rechargeable battery
- » USB port
- » 7 languages
- » Backlit display
- » EPA and ISO versions
- » European CE mark



Kit supplied with 0, 1, and 10 NTU standards, sample bottle, 6 sample tubes, USB cable, USB computer/wall adapter, and waterproof carrying case.

2020we/wi

Code	Description
1970-EPA	2020we Kit • Portable turbidity meter complies with USEPA 180.1 Standard
1970-ISO	2020wi Kit • Portable turbidity meter complies with ISO 7027 Standard

Turbidity Specifications:

Unit of Measure 2020we	NTU, AU, ASBC, EBC
Units of Measure 2020wi	FNU, FAU, ASBC, EBC
Range*	0-4000 NTU/FNU, 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 the accuracy is ± 0.05 NTU. From 2.5-100 NTU the accuracy is $\pm 2\%$. Above 100 NTU 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 standard 860nm LED (ISO), complies with ISO 7027

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

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
Optional Software	SmartLink 3
Languages	English, French, Spanish, Japanese, Italian, Portuguese, Chinese
Response Time	<2 seconds
Waterproof	IP67
Meter Size	7.5 x 3.5 x 2.5 inches 19.05 x 8.84 x 6.35 cm;
Meter Weight	13 ounces, 362 g
Case size	10 x 13 x 6 inches; 25.4 x 33 x 15.2 cm
Ship Weight	6 lbs, 2.72 Kg
Display:	6-line LCD with backlit display; 160 x 100 backlit LCD; 20 x 6 line graphics

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

Order Code	Description
1454	10 FNU Standard (ISO), 60 mL
1455	100 FNU Standard (ISO), 60 mL
1720	USB Cable (additional)
1721	USB Wall Adapter (requires 1720)
1901-CD	SMARTLink3 Software
5-0132	Car Charger

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, 6 sample tubes, 100 each free and total chlorine DPD tablets, and USB cable and computer/wall adapter.

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

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

For On-Line Turbidity Measurement Needs...

2020 ClearTrace

Meter

Code	Description
5-0113	ClearTrace In-Line Turbidity System

Calibration Kits (Should be ordered with initial system)

Code	Description
5-0114	Turbidity Calibration Kit 2020CT liter (0 NTU & 20 NTU, foam brushes & rinse bottles)
5-0115	Turbidity Calibration Kit 2020CT gallon (0 NTU & 20 NTU, foam brushes & rinse bottles)

Standards

Code	Description
5-0116	Turbidity Standard 0.0 NTU 2020CT 1 liter
5-0117	Turbidity Standard 0.0 NTU 2020CT 1 gallon
5-0118	Turbidity Standard 1.0 NTU 2020CT 1 liter
5-0119	Turbidity Standard 1.0 NTU 2020CT 1 gallon
5-0120	Turbidity Standard 10.0 NTU 2020CT 1 liter
5-0121	Turbidity Standard 10.0 NTU 2020CT 1 gallon
5-0122	Turbidity Standard 20.0 NTU 2020CT 1 liter
5-0123	Turbidity Standard 20.0 NTU 2020CT 1 gallon

Replacement Parts

Code	Description
5-0124	Bulb and cable assembly 2020CT
5-0125	Sample chamber lid without lamp 2020CT
5-0126	Replacement sample chamber 2020CT
5-0127	ComStick 2020CT
5-0128	Turbidity Probe 2020CT



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