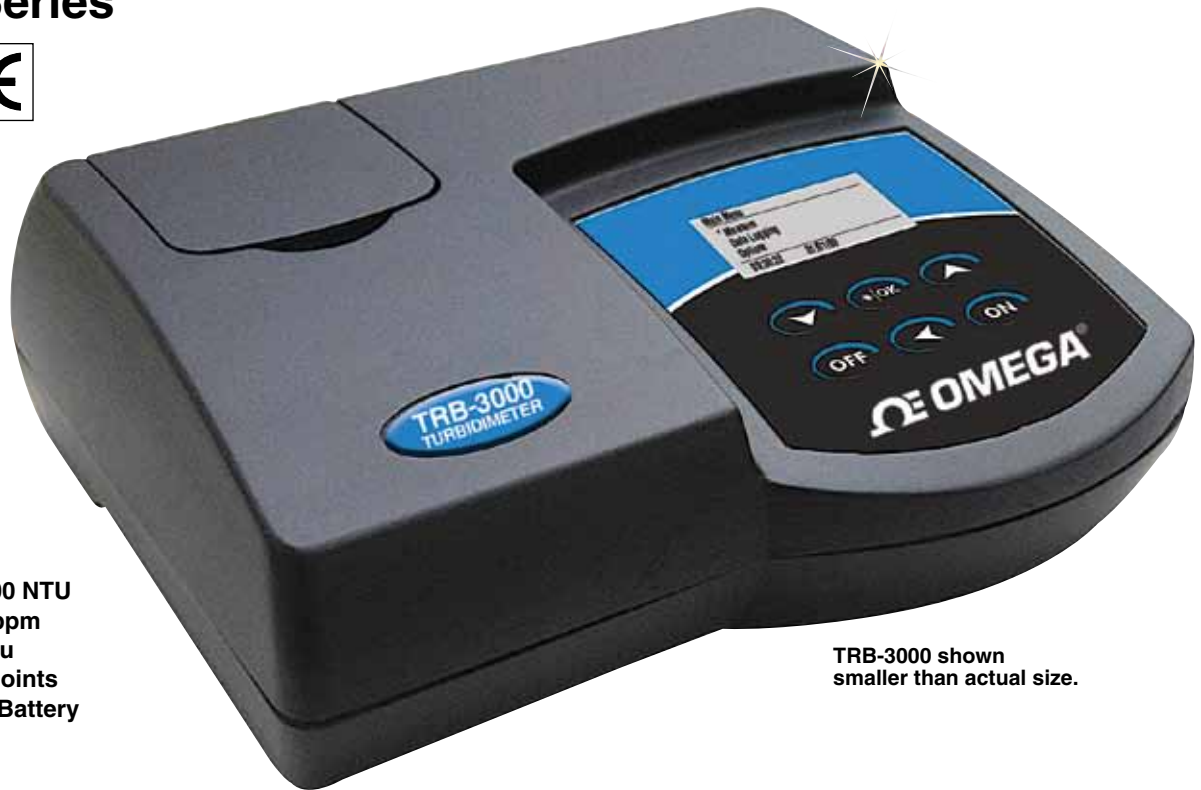




Benchtop Turbidity, Chlorine and Color Meter

TRB-3000 Series



TRB-3000 shown smaller than actual size.

- ✓ Turbidity from 0 to 4000 NTU
- ✓ Chlorine from 0 to 10 ppm
- ✓ Color from 0 to 1000 Cu
- ✓ Store Up to 500 Data Points
- ✓ Built-In Rechargeable Battery with Wall Adaptor

The TRB-3000 is a benchtop turbidity, chlorine and color meter with wide range and high accuracy. The TRB-3000W1 meets ISO 7027 standards for turbidity, follows standard methods 4500-Cl-G for chlorine and Standard Methods 2120-C for color. The TRB-3000WE meter meets EPA 180.1 for turbidity and EPA 330.5 for chlorine and follows standard methods 2120-C for color. The turbidity range is 0 to 4000 NTU with a MDL of 0.05 NTU. The free and total chlorine range is 0 to 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 adaptor.

Specifications

Turbidity

Unit of Measure: NTU, FNU, AU, FAU, ASBC, EBC

Range*: 0 to 4000, 0 to 10,500 ASBC, 0 to 150 EBC

Resolution*: 0.01 NTU/FNU 0.00 to 10.99, 0.1 NTU/FNU 11.0 to 109.9, 1 NTU/FNU 110 to 4000

Accuracy*:

0 to 2.5 NTU/FNU: ±0.05 NTU/FNU

2.5 to 100 NTU/FNU: ±2%

Above 100 NTU/FNU: ±3%

Detection Limit: 0.05 NTU/FNU

Range Selection: Automatic

Reproducibility*: 0.02 NTU/FNU, or 1%

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

Light Source: Tungsten (EPA), complie 9 with EPA 180.1, 860 nm LED (ISO), complies with ISO 7027

Chlorine

Range: 0 to 10 ppm

Free and Total Chlorine Resolution:

0.00 to 5.00 ppm

Range: 0.01 ppm 5.0 to 10.0 ppm

Range: 0.1 ppm

Accuracy Tablet Ranges:

0 to 1.0 ppm: ±0.03 ppm

1.0 to 3.0 ppm: ±0.06 ppm

3.0 to 6.0 ppm: ±0.3 ppm

6.0 to 10.0 ppm: ±2.5 ppm

Liquid Ranges:

0 to 0.5 ppm: ±0.03 ppm

0.6 to 3.0 ppm: ±0.06 ppm

3.0 to 6.0 ppm: ±0.4 ppm

6.0 to 10.0 ppm: ±1.5 ppm

Detection Limit: 0.03 ppm

Response Time: <2 seconds

Light Source: 525 nm LED, complies with EPA 330.5

Color

Range: 0 to 1000 cu

Detection Limit: 20 cu

Accuracy: ±15 cu

Light Source: 428 nm LED

Meter

Signal Averaging Disabled: 2, 5, 10 min

Power: USB computer cable, wall adaptor or lithium ion rechargeable battery (included), 3.7V, 2.5 x 0.75", 1.7 oz

Data Logging: 500 points

Auto Shut-Off Disabled: 5, 10, 30 minutes

Languages: English, French, Spanish, Japanese, Italian, Portuguese, and Chinese

Response Time: <2 seconds

Dimensions:

22.2 W x 19.7 L x 7.6 cm D (8.75 x 7.75 x 3")

Meter Weight: 680 g (1.5 lb)

Ship Weight: 2.72 kg (6 lb)

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TRB-3000WE includes 0, 1, and 10 NTU standards, sample bottle, 4 sample tubes, 100 total chlorine DPD tablets, and USB cable and computer/wall adaptor.

To Order Visit omega.com/trb-3000 for Pricing and Details

Model No.	Description
TRB-3000WE	Benchtop meter for turbidity (EPA 180.1), chlorine (EPA 180.1), color (standard methods 2120C)
TRB-3000WI	Benchtop meter for turbidity (ISO 7027), chlorine (ISO 7027), color (standard methods 2120C)

Comes complete with 0, 1, and 10 NTU standards, sample bottle, 4 sample tubes, 100 total chlorine DPD tablets, and USB cable and computer/wall adaptor.

Accessories

Model No.	Description
TRH-2020-0290-6	Replacement tubes (6)
TRH-2020-1480	Replacement 0 NTU/FNU standard (EPA and ISO), 60 mL
TRH-2020-1450	Replacement 1 NTU standard EPA, 60 mL
TRH-2020-1451	Replacement 10 NTU standard EPA, 60 mL
TRH-2020-1486	100 NTU standard EPA, 60 mL
TRH-2020-1453	1 NTU standard ISO, 60 mL
TRH-2020-1454	10 NTU standard ISO, 60 mL
TRH-2020-1482	100 NTU standard ISO, 60 mL
TRH-2020-1720	Replacement USB cable
TRH-2020-1721	Replacement USB wall adaptor (requires TRH-2020-1720)
TRSW-2020	Smartlink 3 software
TRB-3000-6903A-J	Replacement chlorine DPD #1 tablets, 100 count
TRB-3000-6197A-J	Replacement chlorine DPD #3 tablets, 100 count

Ordering Examples: TRB-3000WE, benchtop turbidity meter (EPA 180.1), chlorine (EPA 180.1), color (standard methods 2120C).

TRB-3000WI, benchtop turbidity meter (ISO 7027), chlorine (ISO 7027), color (standard methods 2120C), and TRSW-2020, Smartlink software.