

Oakton® Portable Turbidity Meter Kits



35635-10 Kit

Get accurate readings in the field as well as the lab

- Meet EPA Method 180.1 compliance for measuring potable water with white light model
- Infrared model meets performance criteria as specified by ISO 7027 (DIN EN 27027) method
- Water-resistant IP67-rated meter withstands the rigors of field use
- Auto-ranging from 0 to 1000 NTU (FNU) selects the optimal measuring range
- Continuous measurement mode is ideal for rapidly settling or continuously changing sample solutions
- Large high-resolution TFT color screen displays a blue background for measurement mode, green background for calibration mode
- Easy data output via USB port for future analysis
- Convenient kit includes meter, calibration solutions, test vials, and more—all packed into a rugged carrying case

The Oakton T-100 series of portable turbidity meters features five calibration points—0 NTU, 20 NTU, 100 NTU, 400 NTU, and 800 NTU. The 0 NTU uses laboratory distilled or deionized water, while the other four calibration points are configured using ultra-stable, polymer standard solutions included in the kits. Plus, zero-point calibration and zero-point error reminder ensure measurement accuracy for low-turbidity solutions.

Intelligent functions—automatic calibration, operation navigation, parameter setup, real-time clock display, calibration date check—make these turbidimeters simple to operate. Choose from two measuring modes: normal and continuous. The continuous mode lets you automatically generate average, maximum and minimum measured values in a data storage interface, rather than relying on a single reading.



35635-15 Kit



Specifications

Sample volume: 18 mL

Sample cell size: 25 mm dia x 60 mm H, borosilicate glass with cap

Display: TFT color screen

Data output: USB to PC

Dimensions (L x W x H): 8" x 3½" x 3⅛"
(20.3 x 9 x 8 cm)

Included: six 25 x 60 mm sample test cuvettes, four 60-mL polymer standard calibration solutions (20, 100, 400, and 800 NTU), 10 mL of silicone oil, microfiber wiping cloth, USB cable, PCLink software flash drive, hard carrying case, and batteries for 35635-15.



Model	Compliance	Light source	Range	Resolution	Accuracy	Data storage	Power	Battery life	Catalog number
T-100WL	US EPA 180.1	Tungsten filament	0 to 1000 NTU (FNU)	0.01, 0.1, 1 NTU (FNU)	±2% of reading + stray light	200 sets	3.7 V rechargeable Li-ion battery and power adapter	25 hours continuous use; 50 days at 30-minute daily use	ML-35635-10
T-100IR	ISO 7027	Infrared LED				500 sets		20 hours continuous use; 40 days at 30-minute daily use	ML-35635-15

Accessories

ML-35635-20 Replacement calibration kit. 60 mL each of 20, 100, 400, and 800 NTU standards

ML-35635-25 Additional sample test cuvettes, 25 x 60 mm. Pack of 6