- Generates QUICK & ACCURATE Turbidity test results

- Large clear TFT Color Screen with Intuitive graphic and text operation guides

- U.S. EPA certified non-toxic & easy-to-use Reagecon high-molecular polymer standard solutions

- CE certified and comes with a 2-YEAR Warranty
Meets the criteria of ISO 7027 abd DIN 27027

TN400 Portable Turbidity Meter

- TFT color screen shows blue background in measuring mode and green background in calibration mode.

- Text and graphic operation guides provided

CAL-20.0 NTU
20.0 NTU
Read Enter — Enter

MEAS
0.36 NTU
Read Enter — Measure   Cal Calibrate

Flip-Cover of the sample well

Provided with 4 kinds of Reagecon high-molecular polymer turbidity standard solutions (0.02 NTU, 20.0 NTU, 100 NTU, 800 NTU), U.S. EPA certified, non-toxic, and easy to use, which have evident advantages compared to the traditional Formazin standard solutions.

0.02 NTU, 20.0 NTU, 100 NTU, 800 NTU

Measuring Method	ISO 7027 compliant nephelometric method (90˚)
Measuring Range	0 to 1000 NTU, automatic range selection: 0.01 to 19.99 NTU 20.0 to 99.9 NTU 100 to 1000 NTU
Resolution	0.01 / 0.1 / 1 NTU
Reading Error	≤ ±2% of reading ±stray light
Repeatability	≤ ±1% of reading or 0.02 NTU (whichever is greater)
Calibration Standards	0.02 NTU, 20.0 NTU, 100 NTU, 800 NTU (Polymer)
Light Source	Infrared light emitting diode (850nm wavelength)
Detector	Silicon photovoltaic
Display	TFT Color screen
Sample Vials	ø25×60 mm, high borosilicate glass with screw cap
Sample Volume	18 ml
Operating Temp.	0 to 50˚C (32 to 122˚F)
Power Supply	4× AA Alkaline Batteries
IP Rating	IP67
Dimension/Weight	Meter: (90×203×80)mm / 385g; Carrying Case: (310×295×110)mm / 1.5kg
Quality and Safety Certificate	ISO 9001:2008 & CE