



TN400

Portable turbidity Meter

- Generates ACCURATE, QUICK, & RELIABLE Turbidity test results
- LARGE CLEAR TFT Color Screen (measurement mode, green in calibration) 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
Quality and Safety Certificate : ISO9001:2008 & CE



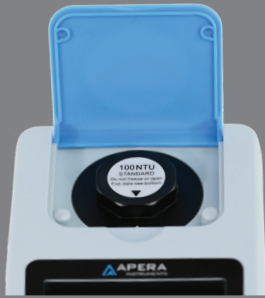
	Reagecon high-molecular polymer	Formazin
Toxicity	Non-toxic	Highly toxic
Resolution	±1% (all solutions)	±10% (4000 NTU), 30% (diluted solutions)
Accuracy	One year	Several hours to several days±2% F.S
ATC	traceable to NIST and so on	Non-traceable
Calibration Solution	Can be used anytime, very convenient	Preparation needed before every use

Measuring Method	ISO 7027 compliant nephelometric method 90°
Measuring Range	0 ~ 1000 NTU, automatic range selection: 0.01-19.99 NTU 20.0-99.9 NTU 100-1000 NTU
Resolution	0.01 / 0.1 / 1 NTU
Reading Error	≤ ±2 % of reading±stray light
Repeatability	≤ ± 1\% of reading or 0.02 NTU, the greater of the two
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 Range	25×60 mm, high borosilicate glass with screw cap
Sample Volume	18 ml
Operating Temp.	0-50 32°F-122°F
Power Supply	4× "AA" Alkaline Batteries
IP Rating	IP67
Dimension/Weight	Meter: (90×203×80)mm / 385 g; Portable Case: (310×295×110)mm / 1.5 kg

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. Compared with the traditional Formazin standard solution, with evident advantages.



0.02 NTU, 20.0 NTU, 100 NTU, 800 NTU



Flip cover of the sample well

TFT color Screen, showing blue background in measuring mode, green background in calibration mode, progress bar displays measuring progress, plus text and graphic operation directives.

