

VIKING-TU90P Portable Smart Turbidity 0,01NTU TFT Colour Screen

Product Details	
Product Number	PRO3176



Technical Specification:

Highlights

- ISO 7027 compliance using a stable 850 nm LED source.
- Simple calibration — zero plus 1–3 points with Formazin (2/20/200 NTU).
- IP65 waterproof portable housing for field and outdoor use.
- Auto power-off effectively extends battery life.
- Dual power — AA batteries or AC adapter operation.

Typical Applications

- Drinking water and wastewater testing
- Food & beverage process checks and QC
- Environmental monitoring and field sampling
- Education, research, and routine lab analysis

Technical Specifications

Model	TU200P (marketed as VIKING-TU90P)
Principle	Nephelometric
Light Source	850 nm LED (ISO 7027)
Units	NTU
Range	0–20.00 NTU; 20.0–200.0 NTU
Resolution	0.01 NTU / 0.1 NTU / 1 NTU (by range)
Accuracy	±2% of reading + 0.02 NTU
Repeatability	≤1.0%
Fluctuation	±1.0% FS / 30 min
Calibration	Zero + 1–3 points (Formazin 2, 20, 200 NTU)
Ingress Protection	IP65
Power Supply	AA batteries; AC adapter (200–240 VAC in, 5 V DC out)
Dimensions / Weight	100 × 220 × 80 mm; 0.8 kg

What’s in the box

- VIKING-TU90P turbidity meter
- 5× turbidity vials
- Carrying case
- AA batteries and AC adapter
- Quick start guide

*Kit contents may vary by configuration.

FAQ

Which standard does it follow?How is calibration performed?Is it suitable for field use?

Downloads

- VIKING-TU90P Datasheet (PDF)
- User Manual (PDF)

Request a Quote

Tell us your application (sample type, expected turbidity range, required accuracy), and we'll propose the best calibration and vial handling procedure. SKU: PRO— • Category: Turbidity Meters • Tags: portable, turbidity, ISO 7027, NTU, field

Accessories:

Include:

- 5 pcs turbidity bottles
- Carrying Case