



Industrial Online Monitoring Instrument Series



Industrial Online Low-Range Turbidity Meter (Flow-through)

NT6000L

Product Technical Specification | July 2026

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Product Overview

The NT6000L is a flow-through low-range turbidity meter using 90-degree scattering method, designed for low-turbidity water (drinking water, purified water). Range 0-100 NTU (or 0-1000 NTU optional), IP65, 4-20mA+RS485, dual relay. Ideal for drinking water filtered water, purified water, and ultrapure water monitoring.

- Flow-through
- Low Range
- 0-100NTU
- IP65
- Drinking Water

Key Features



Flow-Through 90° Scattering
Designed for low-turbidity water, higher sensitivity.



4-20mA+RS485
Isolated 4-20mA + RS485.



Dual Relay Control
Hi/Lo alarm with 2 SPST relays.



IP65 Protection
Dust/water resistant, long-term stable.



Two-Point Calibration
1-point/2-point calibration.



LCD + CN/EN Menu
LCD screen, Chinese/English menu.

Technical Specifications

Parameter	Specification
Model	NT6000L
Principle	Flow-through 90° scattering
Range	0-100 NTU (0-1000 NTU optional)
Resolution	0.001 NTU
Accuracy	+/-2% F.S.
Temperature Range	0-50C
Detection Limit	Not listed on website; resolution 0.001NTU
Mounting	Flow-through pipeline
Output	4-20mA (isolated)
Comm.	RS485 (optional)
Relay	2x SPST (2.5A 230VAC)
Cleaning/Alarm	Optional 3rd
Power	85-260VAC or 12-36VDC
Operating Env.	0-60C, <90%RH
Protection	IP65
Dimensions	Wall 158x188x108 mm / Panel 108x108x156 mm
Weight	Wall 0.7 kg / Panel 0.6 kg
Maintenance	Flow cell inner walls require periodic cleaning to prevent deposits

Typical Applications

- ▶ Drinking water filtered water turbidity
- ▶ Purified/UPW system turbidity
- ▶ Process water turbidity in beverage
- ▶ RO permeate turbidity monitoring

Ordering Guide

Product Code	Description
NT6000L	Wall/panel controller + flow-through probe

Accessories / Consumables

Accessory	Specification	Note
Flow-through Turbidity Probe	-	Low-range specific

Why Choose Jiuyuhub

 Application-First Matching Recommendations based on your operating conditions.	 Southeast Asia Adapted Optimized for tropical environments.
 One-Stop Supply Water quality, fluid control, flow measurement.	 24-Hour Response Fast response to inquiries.

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