

Online Turbidity Analyser

PACON 2001

The PACON 2001 flow-through turbidity analyser is an on-line product designed for low range turbidity monitoring in waterworks and pipeline networks. The 90° scattered light method, which meets the ISO7027 standard, is widely used for on-line monitoring of turbidity in all types of clean water, such as waterworks outfalls and engineering drainage outfalls.



Measurement parameters

Turbidity

Applications

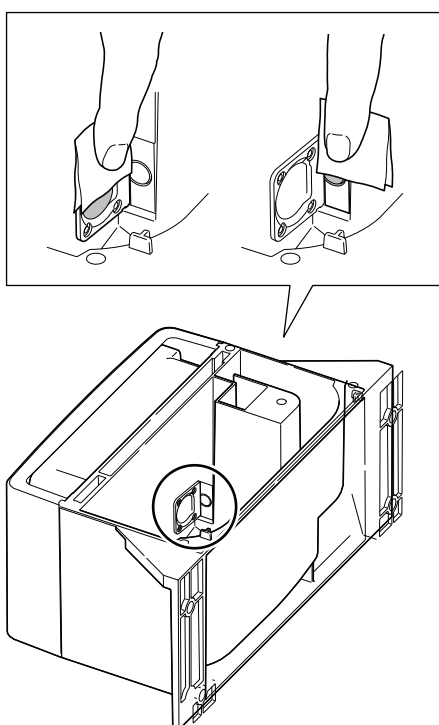
Waterworks, industrial processes, drinking water networks

Features

- 90° light scattering principle, conforms to ISO 7027 standard.
- Bubble elimination tank design, easy to install
- Anti-condensation function for high precision measurement
- Chinese/English menu for easy operation
- Password protection to prevent unauthorised operation
- Optional automatic drain
- 2 x programmable Hi/Lo relay outputs
- 4-20mA/RS485 Modbus RTU outputs
- Data storage function, supports data export from USB stick

Technical parameter

Measuring principle:	90° scattered light
Measuring range:	0.0001-100NTU
Resolution:	0.0001/0.01/0.01NTU
Accuracy:	±2% of reading or 0.02NTU, whichever is the greater.
Light source:	LED
Power supply:	90-260VAC, 50/60Hz, 24VDC optional
Display:	LCD backlit display of measured value, temperature and relay status
Language:	Chinese/English
Power supply:	90-260VAC, 50/60Hz, 24VDC optional
Analogue Output:	Isolated 4-20mA output (turbidity), Max. 500Ω.
Digital communication:	RS485 Modbus RTU
Alarm output:	2 groups of independently set Hi/Lo alarm points, with hysteresis setting.
Protection grade:	IP65
Inlet water flow:	100-200ml
Operating temperature:	0 - 50°C
Installation:	wall mounted
Size:	300x400x180mm
Weight:	ca.5Kg



Order Guide

Order No.	Description
33-2001-00	PACON 2001 Online Turbidity Analyser, 220VAC
33-2001-04	PACON 2001 Online Turbidity Analyser, 24VAC
33-2001-10	Automatic drain valve, 24VDC