

# GWQ-TUR100

## Online turbidity meter

### Product Manual



## DESCRIPTION

GWQ-TUR100 is an online intelligent turbidity detector with the characteristics of ultra-low turbidity detection limit, high-precision measurement, and strong anti-interference ability. It can be equipped with an automatic cleaning function and is maintenance-free for a long time. It is widely used in the continuous monitoring and control of turbidity in chemical industry, electroplating, papermaking, environmental protection water treatment engineering, pharmaceuticals, food, tap water, swimming pool water, surface water, etc.

## FEATURES

- Ultra-low range detection (0-10NTU)
- High measurement accuracy
- Multi-point calibration function
- Relay high and low limit alarm
- Photoelectrically isolated analog signal output
- Protection grade Ip65
- Watchdog function: make sure the instrument does not crash
- Power off protection>10 years



## PARAMETERS

Model	GWQ-TUR100	
Measuring range	0~500NTU(flow type sensor)	500-10000NTU(Submerged type sensor)
Resolution	0.1%	
Accuracy	±2%FS	
Repeatability	±1.0%	
Automatic cleaning	Optional (submersible sensor come standard without automatic cleaning)	
Relay alarm	One set each for high and low limit alarms (220VAC 3A)	
Signal output	4-20mA (photoelectric isolation), load <750Ω	
Communication	RS485(Modbus-RTU)	
Working conditions	Ambient temperature : 0~60°C    Ambient humidity : ≤90%	
Power Supply	220VAC±10% 50/60Hz ( Customized 24VDC )	
Protection level	IP65(Host)    IP67(Flow type sensor) , IP68(Submerged type sensor)	
Size	100×106×168	
Hole-cutting Size	92*92mm	
Electrode cable	Standard 5m	