



# AUSTRALIAN & NZ DISTRIBUTOR

**DATASHEET** 

## **\$200 TUr Measurement of Turbidity**





## **S200 TUr**

## Complete set of measure and control

- Accurate measurement of low concentration of Turbidity
- Range: 0- 100 NTU
- In compliance with ISO 7027 IR Nephelometry
- Self-cleaning of the system by US method

## Main application areas

- Cooling water treatment
- Drinking water and beverage.

#### **Features**

#### **Fast and Easy Calibration**

Verification in seconds while a complete primary calibration can be completed in less than 5 minutes.

#### **Low Volume Sample Chamber**

Low volume sample chamber (30 ml) reduces calibration costs and provides quick response times.

### Low Maintenance Fail Safe Design

Simple Modular Design. Easy to Use and Service

#### **Bubble Rejection System**

Eliminates bubbles without delaying the response time.

#### Affordable

Modular microprocessor based technology ensures high quality at the industry's lowest price.

#### **AutoClean**

Ultrasonic cleaning allows for the first EPA Accepted Automatic Cleaning OnLine Turbidimeter





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#### Technical characteristics for the measure

Measured parameter	
Measuring principle Turbidity	IR Nephelometry
	ISO 7027
Measuring range	0-100 NTU
Resolution	Between 0-10 NTU : 0.0001 NTU
	Between 10 and 100 NTU: selectable
Accuracy	Between 0-40 NTU: 2 % of reading or +/- 0.02 (whichever is
	greater)
	5 % of reading above 40 NTU
Response time	Adjustable (5 to 500 secondes)
Sample Tempearture Range	1-50 °C

### Technical characteristics S200 TUr

Software and functionality	
1 Analog output	4-20 mA electrically isolated
	Load max. $600\Omega$
2 Relay outputs	Selectable high/Low alarms (NO/NC/C)
	120-240 VAC, 2 A
1 Digital interface	RS485 Modbus bidirectionnal

Constructional design wall-mounted casing S200 TUr	
Mains power	100-240 VAC, 47-63 Hz, 80 VA
Display	LCD display, 4x20 characters, alphanumeric, backlight
	Easy operation by means of 4 keys
Weight	2.5 Kg
Protection class	IP 66/NEMA 4X
Input Pressure	1-200 psi (built regulator set at 15 psi)
Flow Rate	100 ml/min to 1 L/min
Operating temperature	1 to + 50 °C
Environmental conditions	Not recommended for outdoor use
	Altitude up to 2000 meters
	Up to 95 % RH (non-condensing)
Regulatory Compliance And Certifications	ISO 7027 – IR Nephelometry
	CE approved, ETL listed to UL 61010B-1 & ETL Certified to CSA 22.2 No. 1010-1-92



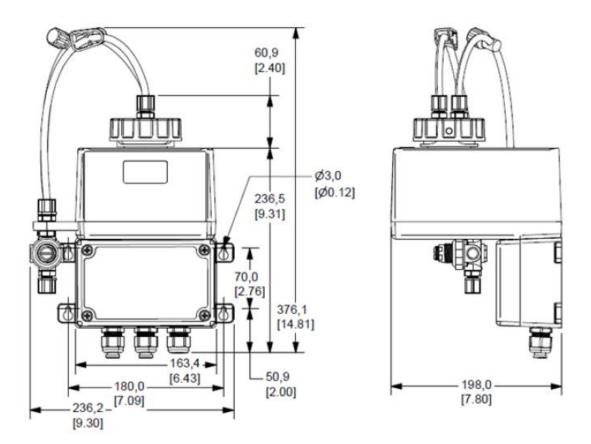


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# **S200 TUr Measurement of Turbidity**

#### Installation size





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