



Probest Intelligent Technology Co., Ltd.

NO.170 Jinyan Road, Jinshan Investment Zone,
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Tel: +86-(0)591-83226813

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www.probesti.com

MUC-200 Multi-parameter Analyzer



MUC-200 Multi-parameter analyzer can achieve on-line monitoring several different parameters by selecting corresponding sensors upon different request. The measured parameters includes temperature, pH, conductivity, DO, turbidity, sludge concentration, chlorophyll, blue-green algae and etc. Widely used in sewage plant, water plant, water station, surface water, industry and etc. The controller has the function of data storage, and can achieve 4-20mA analog output, relay control and digital communication through the interface configuration and calibration.

Best Professional Probes!



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Features:

- Can connect any seven sensors of Probest company at the same time. Improve integration and reduce cost of operation and maintenance.
- Strong universality, all the digital-sensor-interfaces are universal, analog sensors configure different modules according to the different sensor types.
- Plug-and-play sensor, quick and easy installation and replacement of electrode.
- Simple operation and reliable result. Operation instructions on the interface can reduce operation error.
- Various data output modes: 4~20mA, MODBUS RS485 and etc.
- Automatic message of error and warning, and uploading of warning signal.
- Supporting wall mounting, panel mounting and clip pipe mounting.

Controller Technical Specifications:

Display	7 inch touch screen with LED strong backlight, can operate in direct sunlight
Power supply	100-240VAC (50/60HZ)
Output	4-way 4-20mA analog output, programmed response parameter and response value.
Relay	Setting 4-way relays, programmed response parameter and response value.
Communication protocol	Equipped with MODBUS RS485 communication function, real-time transmission of measured values
Main Material	ABS
Storage Temperature	-20 - 70°C

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Operation temperature	-15 - 60°C
Protective rate	IP65/ NEMA4X
Dimension	260mm*200mm*132mm (L*W*H)
Weight	About 2.0KG

Sensor Technical Specifications:

Temperature	Principle	Thermistor method
	Range	0-45°C
	Accuracy	±0.5°C
pH	Principle	Combination electrode
	Range	0-14pH
	Accuracy	±0.1pH
	Pressure range	≤0.6Mpa
	Dimension	Dia 30mm*Length195mm
Conductivity	Principle	Glass platinum electrode
	Range	10-2,000 us/cm
	Accuracy	When less than±1% or ±1us/cm of the measured value, whichever is greater
	Pressure range	≤0.6Mpa
	Dimension	Dia 30mm*Length195mm
DO	Principle	Fluorescence
	Range	0-20 mg/L

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	Accuracy	±3% of the measured value
	Pressure range	≤0.3Mpa
	Dimension	Dia55mm*L 342mm
Turbidity	Principle	Light scattering method
	Range	0.01-100 NTU, 0.01—4000 NTU
	Accuracy	Less than ±1% of the measured reading or ±0.1NTU, whichever is greater
	Pressure range	≤0.4Mpa
	Dimension	Dia 60mm*L 256mm
Chlorophyll	Principle	Fluorescence
	Range	0-500 ug/L
	Accuracy	±5% of the signal level corresponding value of 1ppb Rhodamine WT Dye
	Pressure range	≤0.4Mpa
	Dimension	Dia37mm*L 220mm
Blue-green algae	Principle	Fluorescence
	Range	100—300,000cells/mL
	Accuracy	±5% of the signal level corresponding value of 1ppb Rhodamine WT Dye
	Pressure range	≤0.4Mpa
	Dimension	Dia37mm*L 220mm

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