

Agasthya 2021 Series Multiparameter Controller Model BI 1000-C



Insitu Type

Agasthya 2021 Series Multiparameter Controller model BI 1000-C is designed to measure different water quality parameters such as COD, BOD, TOC, TSS, pH, NH₃, TN, Chlorine, TDS/Conductivity, Oil in Water Sensor. Any combination of Six Sensor can be measured.

Features:

- ❖ Real-time water quality measurement.
- ❖ All water quality sensor are digital sensor with RS485 Modbus interface.
- ❖ Digital intelligent sensor can be arbitrarily combined, plug and play, and the controller can recognized automatically.
- ❖ 7" touch screen display, easy to operate & interface.
- ❖ Data logger function, all measured data will be recorded.
- ❖ Multi-parameters water quality Analyzer is equipped with USB interface; user can download report in excel format.
- ❖ Upto 9 parameters can be measured

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Technical Specification:

- Display : 7" touchscreen display
- Sensor Input : RS485 Modbus
- Power : 230 VAC or 24 VDC
- Digital Interface : RS485 Modbus
- Data Logging : Through USB
- Sensor IP Rating : IP68
- Controller IP Protection : IP65
- Electronic Enclosure Dimension : 320 (L) x 270 (W) x 121 (H) mm

Applications:

- ❖ Effluent Treatment Plant
- ❖ Common Effluent Treatment Plant
- ❖ Secondary water supply
- ❖ Aquaculture Farming
- ❖ River water quality monitoring
- ❖ Environmental water discharge monitoring
- ❖ Point source solution monitoring
- ❖ Wastewater treatment works
- ❖ Groundwater water quality monitoring etc.

Ordering Code**BI1000-C: Customer Can Select any Six Sensors**

Model No	Ordering Code	Description
Sensors	1.	COD/BOD/TOC/TSS
	0.	None
	1.	TSS
	0.	None
	1.	pH
	0.	None
Power Supply	1.	230VAC
	0.	None
Digital Communication	1.	TDS/Conductivity
	0.	None
Area Classification	1.	Chlorine
	0.	None
Area Classification	1.	Turbidity
	0.	None
Power Supply	AC.	230VAC
	DC.	24 VDC
Digital Communication	1.	RS485
	0.	None
Area Classification	S	Safe
	H	Hazardous

For Example:**Model No. BI1000-1-0-1-1-1-0-AC-1-S****1- COD/BOD/TOC/TSS Sensor, 0-None, 1-pH, 1-TDS, 1-Chlorine, 0-None, AC-230VAC, 1-RS485, S-Safe,****BHOOMI**[®] **Process Mangement Pvt. Ltd.****(Sister concern Bhoomi Analyzers)****Head Office :**409, 4th Floor, Avior (Nirmal Galaxy),
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