

**Agasthya 2021 Series
COD/BOD/TSS/TOC Sensor
Model BI1000-S-Y**

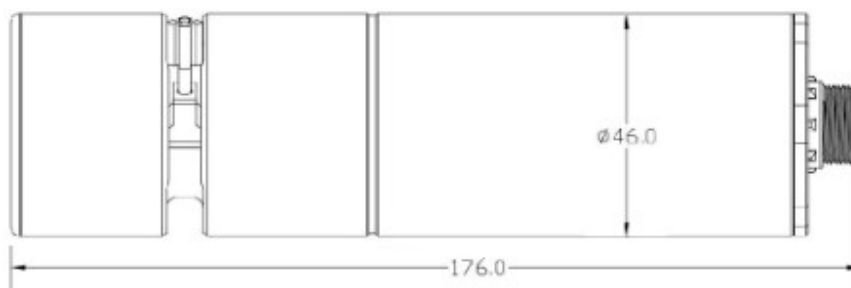


Features:

- One sensor with Measuring parameters such as COD, BOD, TOC, TSS
- Sensor works on the principle of ultraviolet absorption method, which provides reliable and accurate measurement
- Digital sensor with RS-485 output, Modbus protocol
- Sensor with self-cleaning brush, can prevent biological attachment and maintenance cycle more

Application:

- Effluent Treatment Plant
- Common Effluent Treatment
- Industrial Wastewaters
- Continuous monitoring of source water
- Surface water
- Wastewater treatment works

Dimensions Drawing:**Technical Specification:**

| Parameter | BI1000-S-Y-A | BI1000-S-Y-B |
|----------------------|--|---|
| General | Measurement Range: COD/BOD: 0 – 500 mg/L TOC: 0 - 180 mg/L TSS: 0-300 mg/L | Measurement Range: COD/BOD: 0 –1500 mg/L TOC: 0 - 600 mg/L TSS: 0-500 mg/L |
| Performance | Resolution: COD/BOD: 0.01 mg/L TOC: 0.01mg/L TSS: ±5% F.S. Accuracy: COD/BOD: ±5% TOC: ±5% TSS: ±5% F.S. IP Rating: IP68 Calibration: One-point or Two-points Calibration | |
| Environmental | Maximum pressure: 3 Bar Temperature: 0 – 50 DegC | |
| Physical | Body materials: SS316L Cable Length: Standard 10 meter Size: Φ46mm*176mm | |

Head Office :

409, 4th Floor, Avior (Nirmal Galaxy),
Next to Deep Mandir, Opp. Johnson & Johnson,
L.B.S. Marg, Mulund (W), Mumbai - 400080.

Manufacturing Unit :

201, 207, 208, G Wing, Udyog Bhavan No.: 2,
Plot No.: K-3, Additional Ambarnath MIDC,
Ambarnath-East-421506, Dist.: Thane,
Maharashtra.

Phone : + 91-22-25916858, 25916916 Cell : +91 8693050520

Email : sales@bhoomiltd.com, service@bhoomiltd.com

Website : www.bhoomiltd.com