

Sensor Technical Specifications

Reyocto Agrimation Private Limited

3rd Floor, No.33, Sana Enclave, 17th Cross, MC Layout, Vijayanagar- Bangalore-560040.

Phone: +91 80 43711222. Email: contact@reyocto.com

Online BOD/COD/TSS/TOC Sensor



Measurements	TOC, BOD, COD, TSS Additional measurements UVA, UVT, SUVA
Principle	UV Absorption
Range	0-100% UVT 0 - 6 ABS
Accuracy	±0.5% UVT
Output method	RS-485 ,Mod-bus/RTU protocol
Operating Conditions	10 to 45°C, max 80% relative humidity (non-condensing)
Protection level	IP68
Material	Stainless Steel / Titanium
Cable Length	Standard 10m (longer available)

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Ranges for the UV-VIS Probe

Parameter	1mm path length in mg/L	2mm path length in mg/L	5mm path length in mg/L
COD	0-2800	0-1400	0-560
BOD	0-1400	0-700	0-280
TOC	0-1200	0-600	0-240
DOC	0-1000	0-500	0-200

Applications:

- Water Treatment Plants
- Effluent Treatment Plants
- Food and Beverage Dairy
- Commercial
- Aquaculture
- Textiles
- Pulp and Paper, Steel,
- Chemical and Pharmaceuticals
- Other industrial markets etc.

Low operating costs:

- No moving parts– minimal maintenance
- Low energy consumption
- Long life LED's (>10 Years)
- Automated calibrations saved on the probe

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