



EZ L600

Effluent Quality Analyzer

COD, BOD, TSS, PH & More

OVERVIEW

The EZL600-Extractive /EZL600-In-situ, Effluent Water Quality Analyzer have an integrated control unit and sensors/probes. It is designed for continuous online measurement of absorption spectra (UV-VIS Spectrometry). These water analyzers can be operated either directly immersed in liquid media (In-situ) or in Extractive flow cell setup. It is capable of making a simultaneous measurement for various parameters and is perfect use for water quality measurement and inspection of river water, groundwater, effluent and municipal waste water etc.



Extractive (Cabinet Type)



In-situ (Probe Type)

FEATURES

- ▶ No use of reagent- saves operation cost, no secondary pollution.
- ▶ Fast response suitable for real-time industrial process analysis.
- ▶ Not affected by chloride ions.
- ▶ Adopts Full Spectrum (200-800nm) Measurement Technology and special Algorithm: allowing to measure more parameter and have less influence by water matrix changes.

TECHNICAL SPECIFICATION

Specification	EZ L600-Extractive	EZ L600-In-situ
Measuring Method	UV-Vis Spectrophotometry	UV-Vis Spectrophotometry
Measurement Range	COD: 0-500 mg/l / 0-2000 mg/l	COD: 0-500 mg/l / 0-2000 mg/l
	BOD: 0-500 mg/l / 0-2000 mg/l	BOD: 0-500 mg/l / 0-2000 mg/l
	TSS: 0-500 mg/l / 0-2000 mg/l	TSS: 0-500mg/l / 0-2000 mg/l
	pH: 0-14	pH: 0-14
	Additional Optional Parameter Available:	
	TDS: 0 ~ 60,000mg/l	Turbidity: 0 ~ 100NTU
	DO: 0 ~ 20mg/l	Conductivity: 1μS/cm ~ 200mS/cm
Accuracy of Standard sample measurement	±10%	±10%
Measurement Repeatability	±2%	±2%
Measurement Interval	1 minute (Configurable)	1 minute (Configurable)
Zero drift	±1%F.S.	±1%F.S.
Span drift	±2%F.S.	±2%F.S.
Linearity	±2%F.S.	±2%F.S.
Online Calibration	Available	Available
Optical Path	3/5/10 MM	3/5/10 MM
Weight	25kg	12kg
Dimensions	600mm x 500mm x 250mm	60ømm x 480mm
Ambinet Temperature	5-45°C	5-45°C
Operating/Storage Temperature	5-45°C	5-45°C
Power	230±10%VAC, 50Hz	230±10%VAC, 50Hz
Digital Output	RS485(Standard Modbus Protocol)	RS485(Standard Modbus Protocol)
IP Grade	IP55/IP65 (Optional)	IP65
Display	7" TFT colour touch screen	7" TFT colour touch screen

FORTUNEXIS AUTOMATION PVT. LTD.

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