



ONLINE MONITORING SOLUTIONS
WATER QUALITY
STACK EMISSIONS
AMBIENT AIR QUALITY
PROCESS ANALYZERS

As per CPCB guidelines

TUV QAL1 Certified



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ISO 9001: 2015
ISO 14001: 2015

PM ANALYZER FOR STACK EMISSION

EZ320 TR is an optical instruments designed to measure dust, smoke and particulate concentration present in an exhaust gas in a duct or stack. It uses light transmission technique which measure change in the intensity of a light beam, using folded beam Transceiver/Reflector arrangement. Increased dust or particulate density in the stack causes the amplitude of the signal to increase.

The monitor is used in the industries including thermal power plants, metal processing, petrochemical industry, cement production, waste incineration, flue gas emission monitoring in all kind of power generating boilers, industrial kilns and industrial boilers, monitoring and control in Flue Gas Desulphurization (FGD) and dust removal process

FEATURES

1. In situ measurement directly in exhaust gas
2. Creating a stable, ambient-light-immune modulated LED/Laser source.
3. In situ zero and calibration check facility
4. Choice of interface option enabling easy integration
5. Free utility software for PC based set-up, control and data logging.

The EZ320 LBS continuous emission monitoring system measures stack dust concentration using Laser Backward Scattering method. It is a type-approved device combines the advantages of the ideal measurement of very low to high dust concentrations. They are mostly installed on a stack or duct for the purpose of monitoring increase in Particle Density (mg/m³) caused by suspended particles (dust and smoke) passing through the light path.



EZ320 TR



EZ320 LBS

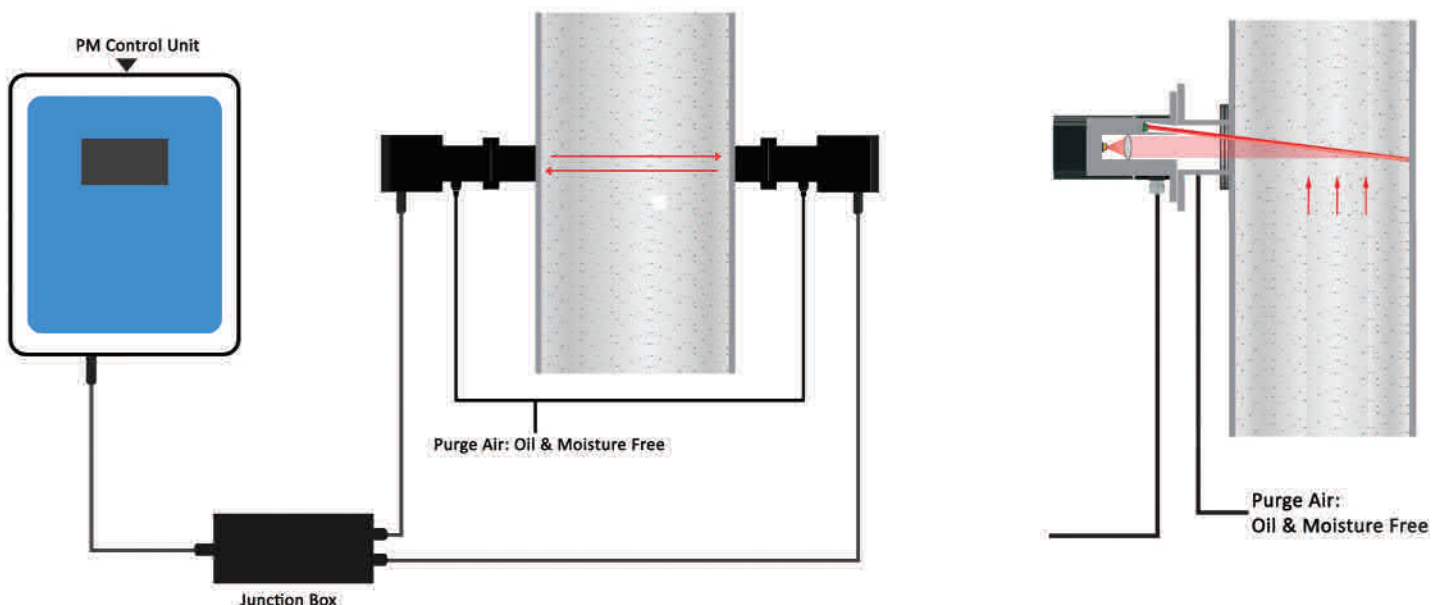
TECHNICAL SPECIFICATION

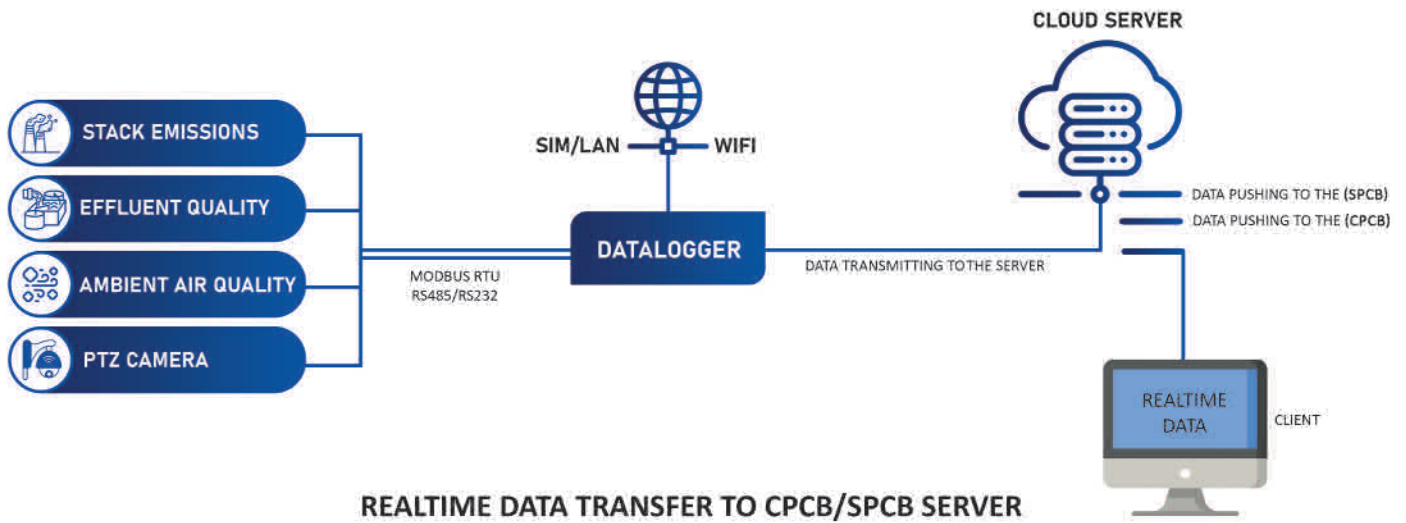
SPECIFICATION	EZ320 TR	EZ320 LBS
Measuring Principle	Light Transmission (Dual Pass)	Laser Backward Scattering (LBS)
Operating Wavelength	510 ~ 550nm	650nm
Measurement Unit	mg/m ³	mg/m ³
Measurement Range	0~2000 (User Configurable)	0-1000 (User Configurable)
Path Length	upto 5M	
Accuracy	±1%	
Cleaning	Oil & Moisture Free Air	
Output	RS485 & 4-20mA (Optional)	
Ambient Temperature	-5 ~ 50°C	
Protection Class	IP65	
Power Rating	230±10%VAC, 50W	

BENEFITS

1. Simple Installation
2. Better Accuracy
3. Rugged design with no moving parts so low maintenance
4. Latched head & lid design to enable ease of access for installation & maintenance

EZ320 TR & LBS: Installation





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