

Online SPM Analyser

(Opacity Based & TUV Approved)



**SOARM LICH
ENGINEERS**

For Continuous Emission Monitoring System (CEMS-209-SPM-OP)



QAL-1 Certified

Introduction

The Online SPM Analyser is a measuring device for dust at low to high concentrations . Basic measuring value is transmittance . Opacity and extinction can be calculated and displayed as well as the dust concentration after gravimetric calibration . The device has an integrated contamination check..

Soarmlich Engineer's Mumbai

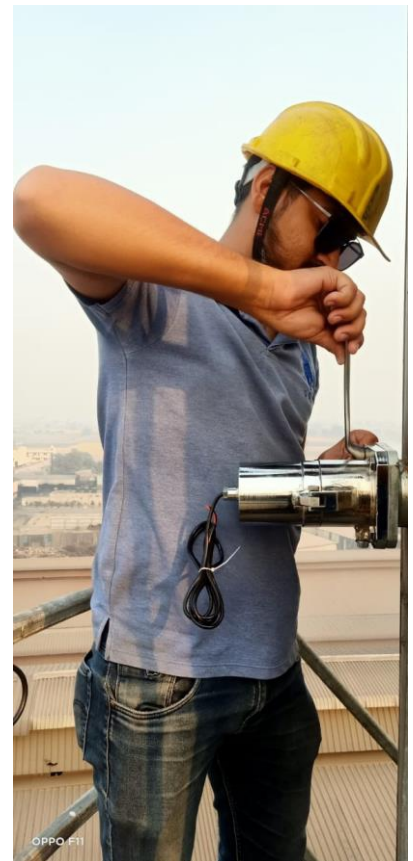
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1. On-line Continuous monitoring of SPM for various emission sources
2. Combined techniques ,adaptive stabilization, dynamic adaptive phase-lock amplification
3. Very low zero drift ,long inter calibration duration .
4. compact ,easy to install , anti-lightning ,high adaptability, low cost and less maintenance .
5. E&Ebased design and development of cloud server connectivity modem .



Fields of application

- Emission monitoring of power stations and waste incineration plants
- Monitoring of filter plants
- Monitoring of dust loads in factory workshops
- Process control of ventilation plants and exhaust systems



Types	Details
Measurement principles	Transmittance measurement
Measuring ranges:	0 to 1000 mg/nm ³
Process temperature:	-40 ... +600 °C
Performance tested measured	Dust concentration
Process pressure:	With external purge air unit: -50 ... 30 hPa With control unit MCU -P: -50 ... 2 hPa
Duct diameter:	non-condensing Duct diameter: 0.5 ... 2.5 m 2 ... 5 m 4 ... 12 m
Electrical safety:	CE
Operating Humidity	100
Gas Temperature	+600