

# Smoke Meter Technical Specification SSS15



Easy to carry & Operate

Features Battery-based & Magnetic

Very Compact, Small in Size & Light in Weight

High Quality Indian Product with Latest Technology



## TECHNICAL SPECIFICATIONS

Measurement Parameter	Principle of Measurement	Range	Resolution
Opacity (HU)	Photo Diode Protected by a lens and regulated in Temperature.	0 - 99.9 %	0.1%
Opacity K (m-1)	Photo Diode Protected by a lens and regulated in Temperature.	0 - 9.99 m-1	0.01m-1
RPM	Piezo Based	0 – 6000	1 RPM
	Battery Based	400 - 9999	10 RPM
	Magnet Based	400 - 9999	10 RPM
OIL Temp	RTD	0 – 150 °c	1°c
Power Supply	AC:230V /1Ph/50-60Hz ± 10% Adapter Through External Battery12VDC ± 10%		
power consumption	50 W		
Warm UP Time	900 sec.		
Light Source	Green Led Commanded By Micro Controller For extra long Life		
Detector	Photo Diode Protected by a lens and regulated in Temperature.		
Opacity Transducer	Tube of 215 mm long Regulated in Temperature.		
ventilation	Flat Positioned fan, Continuous Measurement of its Speed of rotation		
Response Time	Physical : < 120 sec. Electric : < 120sec.		
Operating Temperature	0-50°c		
Display	24 Alphanumeric char.X 4 line Lcd		
Remote Display	24 Alphanumeric char.X 4 line Lcd		
PC Compatible	RS 232 Cable & USB optional		
Printer	24-Column Dot Matrix optional		
Keyboard	12 keys		
Dimension	L 16 X B 11X H 8 INCH		
Weight	7.00 kgs		



## UTKAL ELECTRONICS

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