General

Product Code:	OPA100
Product Description:	OPA-100 Diesel Smoke Meter

Specifications

Power	11-15 volt DC from PSI-60 Power Supply
Consumption	1A DC, 5A DC with heating system active
Weight	5 kg
Operating temperature	5 to 40ºc
Dimensions	200 x 140 x 430 mm
Connectivity	485 serial network link + RS232 serial link
Oil Temperature input	Direct probe connection or Wireless MGT300
RPM pulse reception	Direct probe connection or Wireless MGT300
Warm up time	5 minutes
Light source	Green LED
Receiver	Photoconductive diode
Opacity measurement %	0 to 99.9 % - Resolution 0.1
Opacity measurement m-1	0 to 9.99 m-1 - Resolution 0.01
RPM measurement	300 to 9990 RPM – Resolution 10 rpm
Oil Temp measurement	20 to 150 ºc – Resolution 1
Smoke Temp measurement	20 to 400 ºc – Resolution 1

Features

Automatic Pressure monitoring of measurement chamber
Measuring chamber temperature stabilisation at 99ºc
Automatic monitoring of slides
Stabilisation of ambient temperature
Automatic calibration
Automatic autozero

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