

Emissionmaster SGA400 Combi

NEW



Application

- Check-in
- Repair and maintenance
- Test
- General inspection

Description:

- Gas analyzer incl. Lambda measurement
- With printer (thermal printer)
- 7 m hose and probe in stainless steel
- Power cable
- Aqua sense:
Protects the optical bench from being damaged of liquids if those would enter the analyzer
- Fast warm up time:
The warm up time of the optical bench is less than 10 seconds and full accuracy is reached within 2 minutes of running
- Optical IR bench:
Solid state detector, OIML class 00 with latest technologies and highest accuracy available
- Smoke analyzer for diesel vehicles
- Light absorption partial flow opaciometer
- Vehicle test time is less than 3 minutes
- Two test program included
- Automatic zeroing
- Linearity test
- Diesel smoke opacity is measured in smoke density % (also known as Hartridge HSU units) as well as in absorption coefficient k (m^{-1}).
- The readings of the k and % opacity values are displayed simultaneously.
- Upgrades:
New firmware can be downloaded via USB. Much quicker and more reliable than earlier programs
- Measurement:
Both accuracy and resolution are improved comparing with precursor
- Reliability: 12 months calibration intervals

Versions:

- Stand-alone device for petrol and diesel vehicles (mobile stand with wheels optional)

Options:

- OBD scan
- Hand terminal with LCD display
- Mobile stand
- RPM sensor via battery system or piezo electronic system with 6 mm clamp
- Oil temperature sensor

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Technical data

Measurable gases	CO, HC, CO2, O2
Accuracy class	0 (OIML)
Ready to measure	<10 sec.
Flow	min. 5,5 l/min, nominal 6,5 l/min
On-board voltage	10-30 VDC (with transformer)
Power supply	100-240 VAC, 50-60Hz
Dimensions (L x B x H)	400 mm x 240 mm x 260 mm
Weight	5.3 kg

Technical data SST100

Measurement range turbidity (Range / Resolution)	0-99,9% / 0,1%
Absorption coefficient (range / resolution)	0-16.06 m-1 / 0,01 m-1
Warm up time	3 min
Optical path length	215mm single path, corrected to 430mm according to ISO11614
Detector / light source	Silicone photo diode / Green LED 565nm
On-board voltage	10-30 VDC (with transformer)
Power supply	100-240 VAC, 50-60Hz
Dimensions (L x B x H)	400 mm x 240 mm x 260 mm
Weight	5.3 kg



RPM via battery kit



Remote control with LCD display



SST100