EM200-E
Multigas analysis instrument for process analysis

The Dräger MSI EM200-E belongs to the generation of electronic multigas analysis instruments.
It precisely determines the CO- and NOx content in flue gas of engines.

TOUGH AND PERSEVERING

The EM200-E has an impact and shock-proof body. Easy handling and an excellent technology allow precise and fast results of measurement.
The high power battery affords a high operating time of typically 10 hours.

PRECISE MEASUREMENT OF CO- AND NOX CONTENT IN FLUE GAS

The multigas analysis instrument is used for precise testing of engines and for the optimization of engine combustion. The integrated pump allows a fast response. The measurement of gas concentrations as CO, NO and NO_2 and the internal absolute pressure sensor, which compensates pressure influences, complete the range of features.

CLEAR DISPLAY

A great display provides the necessary overview.

PROFESSIONAL DOCUMENTATION

Saved data can be locally documented or transferred to the PC.
By means of a special software data can be also transferred online.

ST-20028-2009

EM200-E:
For determination of CO- and NOx contend in flue gas of engines.

TECHNICAL DATA

Display	Liquid crystal graphic display, backlit, manual adjustable
Interface	USB for PC interface, infrared for printer, multifunction jack for additional instruments
Operating temperature	+ 5 °C up to + 40 °C
Storage temperature	- 20 °C up to + 50 °C
Power supply	Internal: high power battery, 4.8 V 2,000 mAh, indication of state of charge. External: plug-in charger
Operating capacity	Typically 10 hours
Gas extraction	Membrane pump for gas sampling
Gas processing	Integrated gas conditioning cartridge with condensate trap and particle filter
Weighting	1,100 g
Dimensions	195 mm x 165 mm x 75 mm (H x W x D)

Display	Measuring principle	Measuring range	Resolution	Measurement precision
CO, carbon monoxide	El.-chem. sensor	0 up to 2,000 ppm	1 ppm	± 3 % of MR*
NO_x, oxides of nitrogen		0 up to 2,000 ppm	1 ppm	± 3 % of MR*
NO, nitrogen monoxide	El.chem. sensor			
NO_2, nitrogen dioxide	El.chem. sensor			
Barometer	Piezo-resistive	800...1,700 hPa	1 hPa	

MR* = Measuring Range

EM200-E | Ple | 095 | GM-LSL-NST | Corporate Communications ST | Printed in Germany | Chlorine free - ecological | Subject to modification! | Status: July 2013

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