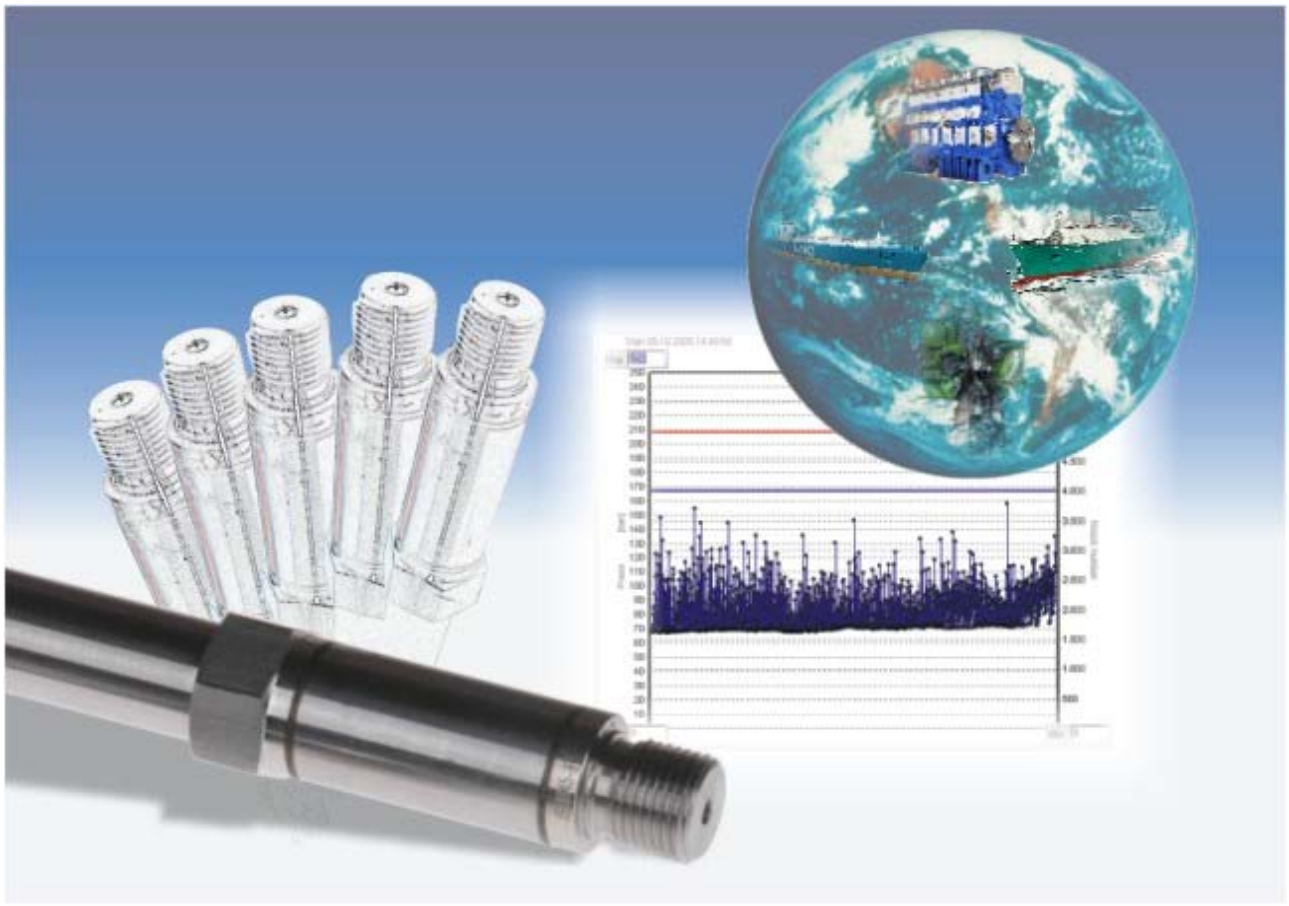
Engine Analyser EPM-XC

optimized for Diesel- and Gas Engine applications

- Marine approval for HTT-04 sensor
- High accuracy for IMEP calculation
- Pmax-Online function
- Knock detection and evaluation for gas engines
- On-and Offline operation mode

Application:

- 4 stroke engines: 300 - 1800 RPM
- 2 stroke engines: 50 - 1000 RPM



The user-friendly Engine Analyser EPM-XC can record up to 1500 Pmax-values per cylinder.

The EPM-XC records a large number of pressure cycles (Pmax) and their associated peak pressure angles for each cylinder. From this information, the system picks the maximum and minimum readings and calculates the mean readings and calculates the mean and average deviations. Individual knocking status of each cylinder can be detected and evaluated.

Via USB interface the measured data can be transferred via On- or Offline mode to a personal computer loaded with its own visualization software.

Technical-data

Engine Analyser EPM-XC	
HTT-04 Sensor	Data sheet HTT-04_en_02-2009
Measuring range pressure	0...300 bar
Max. temperature at measuring cell	300 °C
Thermal shock 1500 RPM pmi=9bar	≤ +/-0,5 bar
Function of Vis-Software	p/alpha- ; p/V- ; Engine diagram; Engine report
Storing capacity of engine sets	5 sets
Storing capacity	200 measurements
Interface	USB 1Mbit/s
Battery	4.8 V / 2300 mAh
Dimension	229 x 70 x 37.5 mm
Weight	500 g

Scope of supply	**Part no.**
EPM-XC incl.instrument case	IW-1501
- 1 x EPM-XC unit incl. visualisation software	
- 1 x Cylinder pressure sensor HTT-04	
- 1 x Connecting cable (1m) to cylinder pressure sensor	
- 1 x Charging station 100 - 240 VAC	
- 1 x Battery NiMh 4,8V 2300 mAh	
- 1 x Thompson adapter incl. mounting tool	
- 1 x USB cable (1m) and documentation engl. language	

Accessories

Magnetic pickup	IW-1239
Connecting cable(10 m) to magnetic pickup	IW-1226
Splitter and junction box for two-stroke application	IW-1246
Inductive pickup	IW-1221

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