

Advanced features



Engine Analyser EPM-XP^{plus}

advanced combustion pressure measurement on engines

- High accuracy
- Automatic TDC correction
- Automatic Pcomp calculation
- IPOWER and IMEP calculation
- Advanced trending functions
- Advanced visualisation and data processing software

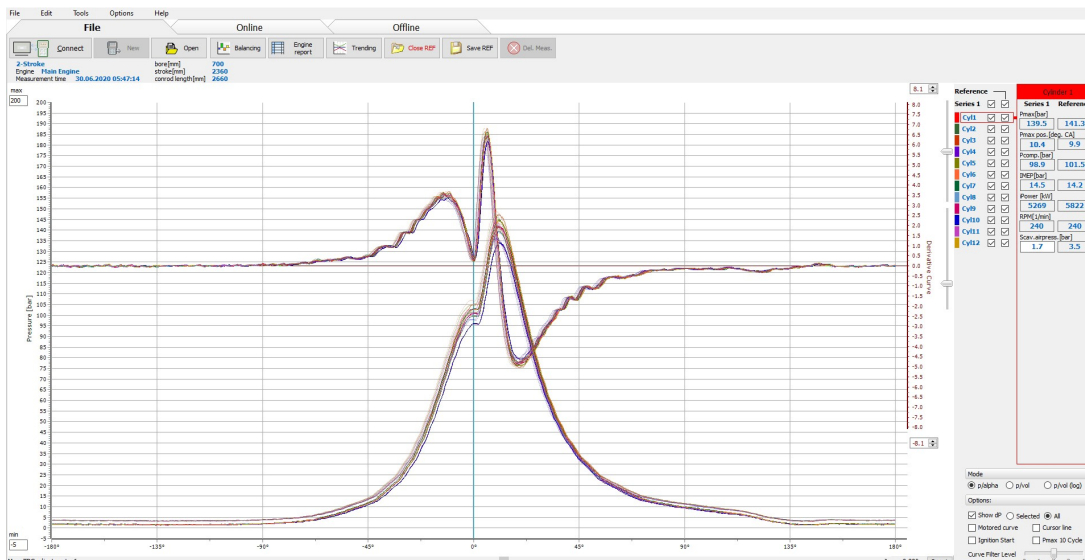


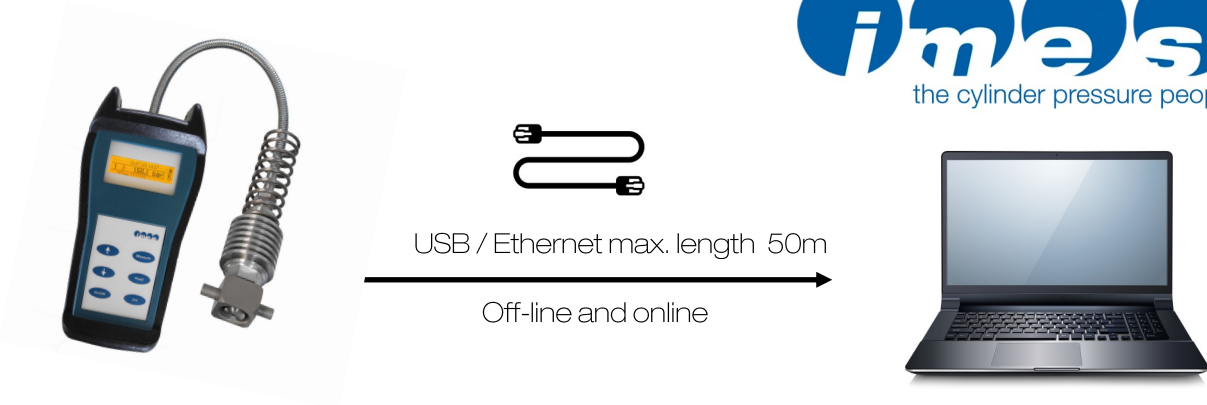
NEW Advanced features

- Higher battery capacity - power more than 20 hours
- Continuous measurement to analyse actual engine condition by direct data transfer via USB/Ethernet (max. length 50m) to PC software
- Comprehensive analysing software for ships- and power plant application
- Direct data transfer to IPE (IMES Performance Evaluation Software)
- Vibro sensor for definition of fuel injection- and valve timing available

Application:

- 2 stroke engines: 40- 950 RPM
- 4 stroke engines: 200- 1800 RPM






More than 20 hours

Technical Data

Measuring range	0...300 bar
Accuracy (EPM-XP ^{plus} incl. HTT [®] sensor)	+/- 0,5 % full scale (static)
Sampling resolution	0,1°C
Max. temperature at measuring cell	300 °C (short time 350 °C)
Storing capacity	20 measurements / engine
Online measurement	Via USB- / Ethernet cable
Interface	USB—2.0
Battery	4 x NiMh AAA 930 mAh
Weight incl. sensor and adaptor	1100 g
Dimension incl. protection cover	210 x 100 x 80 mm

Scope of supply

Part no.

- EPM-XP^{plus} incl. instrument case
- EPM-XP^{plus} unit incl. protection cover
- HTT[®] cylinder pressure sensor(1m length)
- Battery 4 x NiMh AAA 930 mAh
- Visualisation software for WIN 7 and WIN 10
- USB connecting cable (1m)
- Thompson adaptor(W27x1/10") incl. mounting tool
- Instrument case

IW-1544

Option :

- IMES Performance Evaluation software (IPE)
- USB extender incl. 20 m Ethernet cable
- Pressure pump coupling for thompson adaptor
- Thread cleaner for thompson thread
- Vibro-acoustic sensor

IW-8050
IW-1559
IW-1574
IW-1571
IW-9999