

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

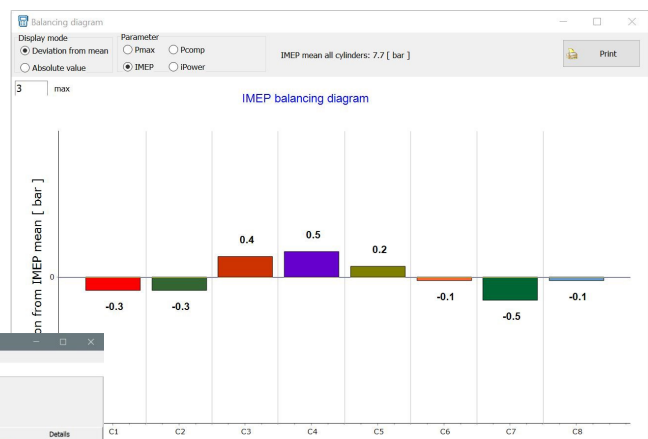
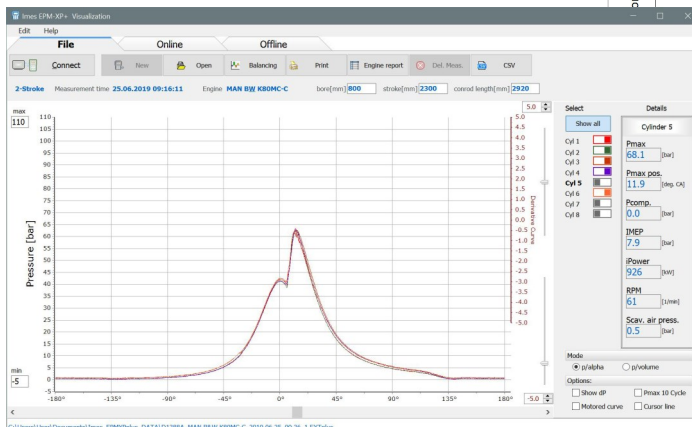


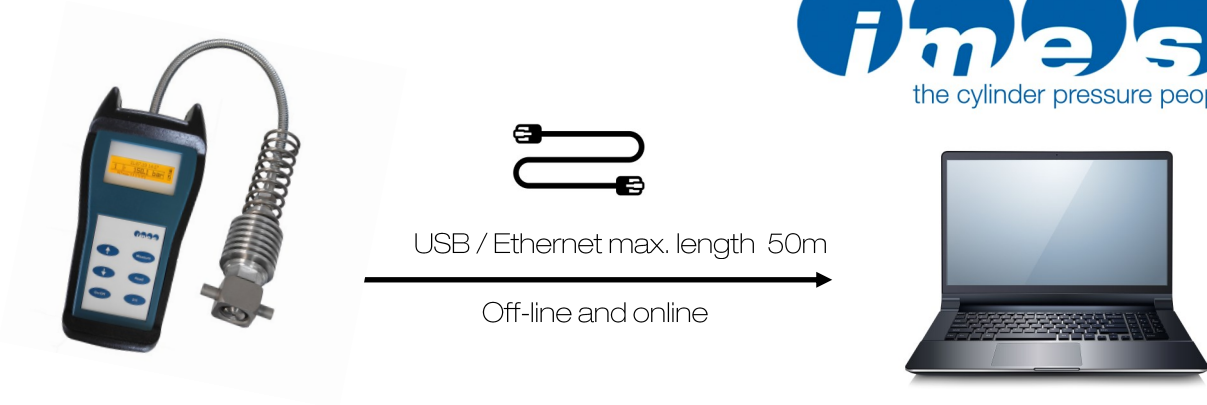
NEW Advanced features

- 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 in preparation

Application:

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





Technical Data

Measuring range	0...300 bar
Accuracy (EPM-XP unit incl. HTT® sensor)	+/- 0,5 % full scale
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—HID
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
- USB connecting cable (1m)
- Thompson adaptor(W27x1/10") incl. mounting tool
- Instrument case

IW-1544

Option :

- IMES Performance Evaluation Software (IPE) IW-8050
- Ethernet cable (20m) IW-8130
- USB extender for connection to Ethernet cable IW-1559
- Thompson adaptor for 4-stroke continuous online measurement IW-1222
- Pressue pump coupling for thompson adaptor IW-1574
- Thread cleaner for thompson thread IW-1571
- Vibro sensor (in preparation) IW-9999