

**Advanced features**



## Engine Analyser EPM-XP<sup>plus</sup>

*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

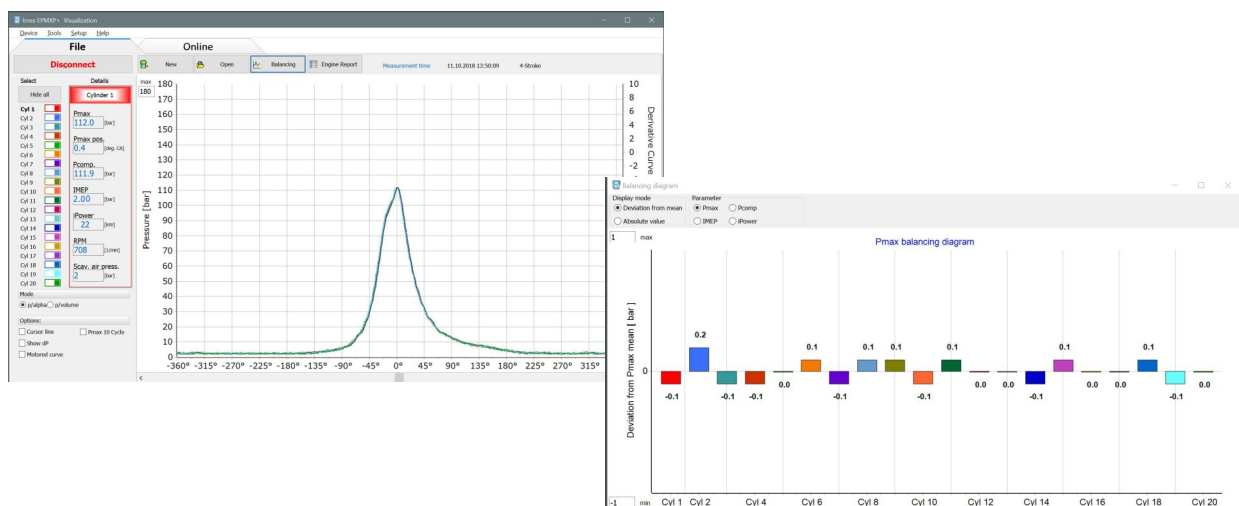


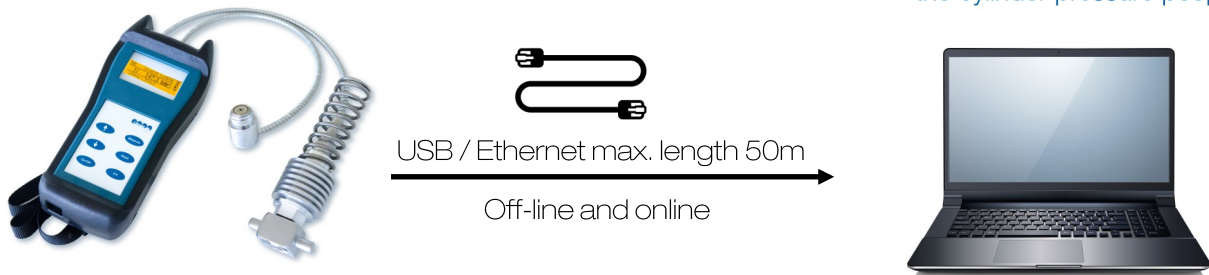
### NEW Advanced features

- 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
- 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– 900 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 1000 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 1500 mAh
- Visualisation software
- USB connecting cable (1m)
- Thompson adaptor(W27x1/10") incl. mounting tool
- Instrument case

IW-1544

### Option :

- IMES Performance Evaluation Software (IPE)
- Ethernet cable (20m)
- USB extender for connection to Ethernet cable
- Thompson adaptor for 4-stroke continuous online measurement
- Pressure pump coupling for thompson adaptor
- Thread cleaner for thompson thread
- Vibro sensor (in preparation)

IW-8050  
IW-8130  
IW-1559  
IW-1219  
IW-1574  
IW-1571  
IW-9999