



Engine Analyser EPM-XPplus

advanced combustion pressure measurement on engines

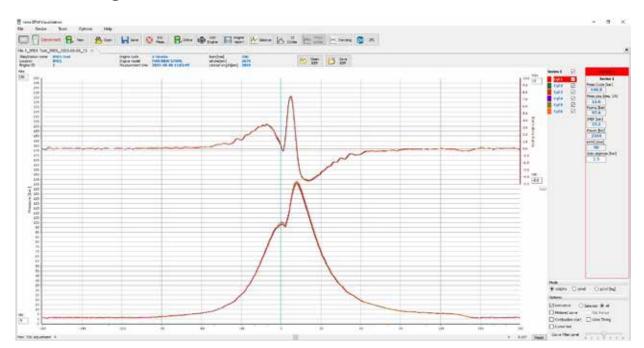
- Advanced algorithm for TDC correction
- IPOWER, IMEP and Pcomp calculation
- Determination of ignition start
- HTT-06 sensor with excellent thermodynamic behaviour and robustness
- Advanced trending functions
- Battery capacity more than 20 hours

NEW Advanced features

- One visualisation software for all device types
- Online soft- and firmware update
- A larger and more comprehensive display
- Two additional function keys for an easier menu handling
- Option: Firmware upgrade to EPM-XPplus-vibro incl. vibroacoustic sensor for definition of fuel injection timing and valves timing
- Automatic data transfer to IPE-software

Application:

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









More than 20 hours

77999 the cylinder pressure people

IW-1711

All EPM devices are battery powered, compact and lightweight handheld devices for 2 -and 4-stroke diesel engines.

They convince with their ease of use, robustness, and high accuracy. The next generation units are equipped with the very robust cylinder pressure sensor HTT-06 that offers a very goodthermodynamic performance.

There is no need of factory calibration, neither several years of operation.

Technical Data

Measuring range	0300 bar
Accuracy (EPM-XP ^{olus} incl. HTT [®] sensor)	+/- 0,5 % full scale (static)
Sampling resolution	0,1°CA
Max. temperature at measuring cell	300°C (1 minute @ 350°C)
Storing capacity	5 engines @ 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-XPolus incl. instrument case

- EPM-XP^{olus} unit incl. protection cover

- HTT® cylinder pressure sensor(1m length)
- Battery 4 x NiMh AAA 930 mAh
- Visualisation software for WIN 7, WIN 10, WIN 11
- USB connecting cable (1m)
- Thompson adaptor(W27x1/10") incl. mounting tool
- Instrument case

Option:

- Firmware upgrade to EPM-XPplus-vibro incl. vibroacoustic sensor	IW-1713
- IMES Performance Evaluation software (IPE)	IW-8050
- Pressure pump coupling for thompson adaptor	IW-1574
- Thread cleaner for thompson thread	IW-1571

imes gmbh . dr.-herbert-kittel-str. 2 . 87600 kaufbeuren fon +49(0) 8341 96 61 73 0 fax +49(0) 8341 96 61 73 18 e-mail: info@imes.de . www.imes.de