

Next generation



Engine Analyser EPM-XP^{plus-vibro}

advanced combustion pressure- and vibro-acoustic measurement on engines

- Advanced algorithm for TDC correction
- IPOWER, IMEP and P_{comp} calculation
- Determination of ignition start
- HT-06 sensor with excellent thermodynamic behaviour and robustness
- Advanced trending functions
- Vibro-acoustic monitoring
- Battery capacity more than 20 hours

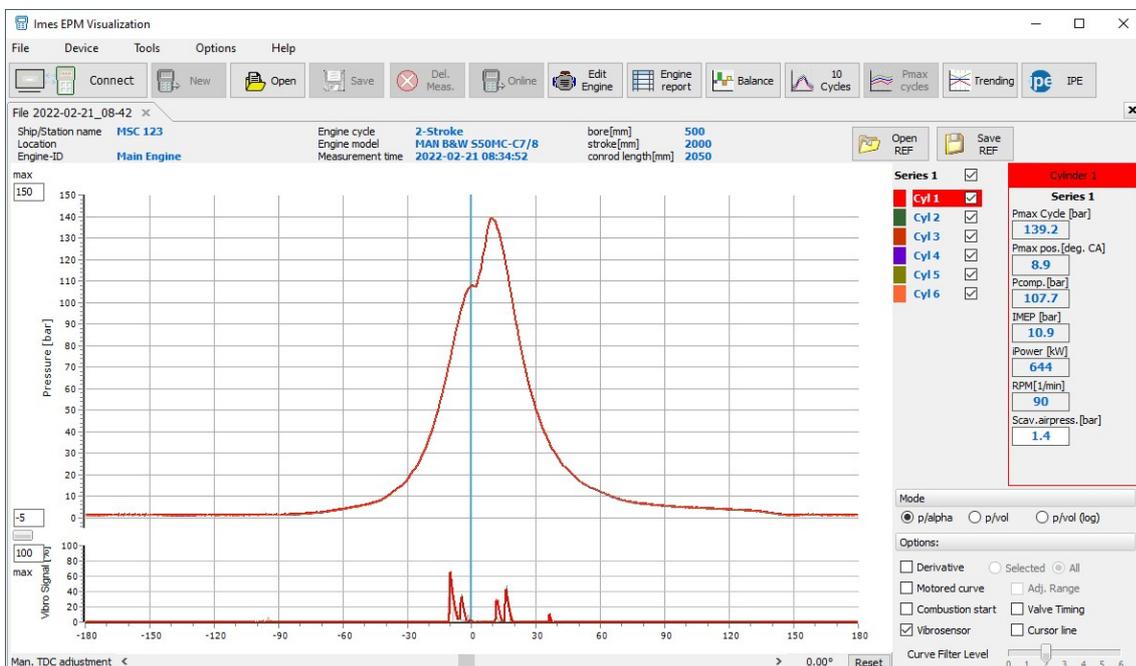


NEW Advanced features

- One visualization software for all device types
- Online software and firmware update
- A larger and more comprehensive display
- Two additional function keys for an easier menu handling
- Automatic data transfer to IPE-software

Application:

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





More than 20 hours

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 HT-06 that offers a very good thermodynamic performance.

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

Technical Data

Measuring range	0...300 bar
Accuracy (EPM-XP ² incl. HT ⁰⁶ sensor)	± 0,5 % full scale (static)
Sampling resolution	0,1°C
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	~100 g
Dimension incl. protection cover	210 x 100 x 80 mm

Scope of supply

- EPM-XP² incl. instrument case
- EPM-XP² unit incl. protection cover
- HT⁰⁶ cylinder pressure sensor (1m length)
- Vibroacoustic sensor incl. 1m cable and connector
- 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

Part no.

IW-716

Option :

- IMES Performance Evaluation software (PE)
- Pressure pump coupling for thompson adaptor
- Thread cleaner for thompson thread

IW-8050

IW-571

IW-571