Next generation

Electronic Indicator EPM-XP

for Diesel engine application

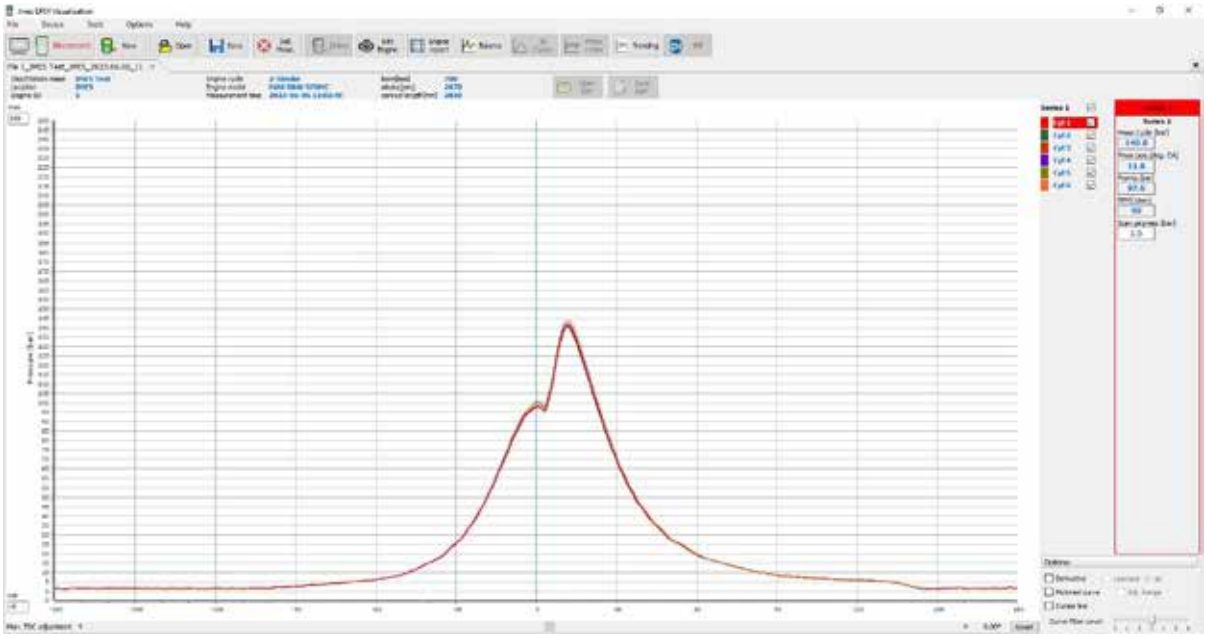
- Advanced algorithm for TDC correction
- HTT-06 sensor with excellent thermo-dynamic behaviour and robustness
- P/alpha diagram incl. Pcomp calculation
- Pmax- and Pcomp balancing diagram
- Battery capacity more than 20 hours

New Advanced features

- One visualisation software for all device types
- Online soft– and firmware updates
- A larger and more comprehensive display
- Two additional function keys for an easier menu handling
- Option: Firmware upgrade to EPM-XPplus for Ipower-,IMEP calculation, p/vol, P/vol (log) and trending function

Application:

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



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.

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°CA
Max. temperature at measuring cell	300°C (1 minute @ 350°C)
Storing capacity	5 engines @ 20 measurements/engine
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 incl. instrument case - EPM-XP unit incl. protection cover - HTT® cylinder pressure sensor(1m length) - Battery 4 x NiMh AAA 930 mAh - Visualisation software for WIN 7, WIN 10 and WIN11 - USB connecting cable (1m) - Thompson adaptor(W27x1/10") incl. mounting tool - Instrument case	IW-1706

Option :

- Firmware upgrade to EPM-XPplus	IW-1708
- Pressure pump coupling for thompson adaptor	IW-1574
- Thread cleaner for thompson thread	IW-1571

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