

## PREMET® C

The pressure inside the cylinder of a diesel engine indicates the efficiency level of your engine. The Premet® C has been developed to show these important data of your diesel engine during operations. This device gives you the opportunity to fine tune your engine to higher efficiency resulting in lower costs.

Compatible with engines on low-, medium- and high-speed the Premet® C is the perfect system to optimize your fuel injections.

Optimizing your fuel injection does not only help with fuel consumption but also helps to avoid repairs and damages.

Premet® C, Made in Germany, is using high-quality materials and is equipped with the newest sensor from Kistler Switzerland supplying you with the most exact results possible. Its compact build and stability ensure it will withstand the harsh conditions on board.

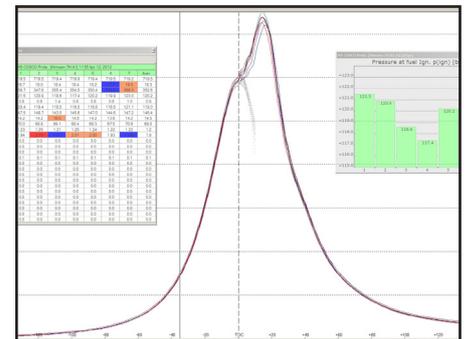
With an easy to understand Software and intuitive operation interface the Premet® C could not be easier to use. The results are easy to understand for all users and reshown immediately on the high resolution colour display.



The results can be saved in the large internal memory and can be exported via an USB connection. CMT provides the WPREMET or PREMETS Performance Analyser (PPA) software to analyse the results on a computer.

For more accuracy a TDC-Sensor can be equipped with the Premet® C. The TDC allows to check the mean indicated pressure (MIP) and the indicated power to give you the more detailed information about of your engine. (XL)

For low speed 2-stroke engines the TDC Sensor can be delivered with a multisensory wheel to detect the crank angle in 360°. (XLMS)



### Ordering Information

DPA-CT-12001

**PREMET C (integrated sensor)**

DPA-CT-12002

**PREMET C (external sensor)**

DPA-CT-12003

**PREMET TDC Sensor (XL Option)**

DPA-CT-12004

**PREMET TDC Sensor & MS Wheel (XLMS Option)**

DPA-CT-12005

**PREMET Performance Analyser Software**

### Specification

ignition pressure range	0-250 bar
injection Pressure Range (only for option fuel)	<1600 bar
speed range	40-1800 rpm
max. number of cylinders	20
max. number of strokes per cylinder	30
manufactured according to ISO 9001	✓
compensation of temperature	✓
USB connection	✓
stainless steel housing with isolated thermogrip	✓
high resolution colour display	✓
accuracy	better than class 1.6