



Portable Particle Monitor

OPCom Portable II - Particle Counting - The Easy Way

- Easy
- Compact
- Cost-Efficient

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Mobile oil laboratory for oil cleanliness and condition monitoring – easy, compact and cost-efficient

The OPCom Portable II is a mobile oil laboratory for service, with which the oil cleanliness and the oil condition in hydraulic and lubrication systems can be measured quickly and easily.

Sampling can be carried out directly via a pressure line or optionally via the integrated pump. In this connection, measurement can be effected either manually or automatically in an adjustable time interval.

The OPCom Portable II enables particle measuring according to the latest standard and displays the cleanliness classes according to ISO 4406:1999 and SAE AS4059. In addition, the relative humidity and oil temperature are displayed. Optionally, further information on the oil condition, taken from the conductivity and polarity of the oil, can be shown via the integrated display.

All functions of the OPCom portable II can intuitively be operated via the integrated keypad. The internal data memory allows saving of more than 1.250 data records, which may comfortably be transferred to a processor via USB adapter or SD card. Furthermore the OPCom portable II includes an integrated printer to print any data record on the spot.

The real-time clock, integrated in the OPCom portable II, adds a time-stamp to all measured data in order to facilitate a later allocation. The measured data can additionally be marked with a freely definable indication of the measuring point.

The integrated powerful battery pack is available in two capacity classes and allows operation for several hours. The used batteries are characterized by a low self-discharge and thus long operating state as well as a recharging of less than 1 hour.



The compact particle counter is supplied with a power supply, hoses and couplings. Amongst others, the OPCom portable II can additionally be delivered together with a convenient carrying bag with separated pockets for hoses and samples on one side as well as for the recharger and other accessories on the other side.

The portable oil service device OPCom portable II offers an intelligent and cost-efficient possibility for monitoring of your system and oil parameters.

Technical Data

Order code	PPCO 300-1000	
Voltage	Device	24 VDC / 10A
	Power supply	100 - 240 VAC
Pressure range	0* - 320 bar	
Viscosity range	5 - 1000 cSt**	
Display	ISO-Classes according to ISO 4406:1999, SAE AS4059, relative humidity, temperature, conductivity***, relative permittivity***	
Size channels	4, 6, 14, 21 µm(c)	
Operating conditions	Oil temperature: 0 - 60 °C (viscosity has to be in the specified range) Ambient temperature: 5 - 50 °C Relative humidity: 10 - 90 % (non condensing)	
Interface	USB-B, SD card slot	
Weight	9,2 kg	

* with pump
** pressure dependent
*** optionally



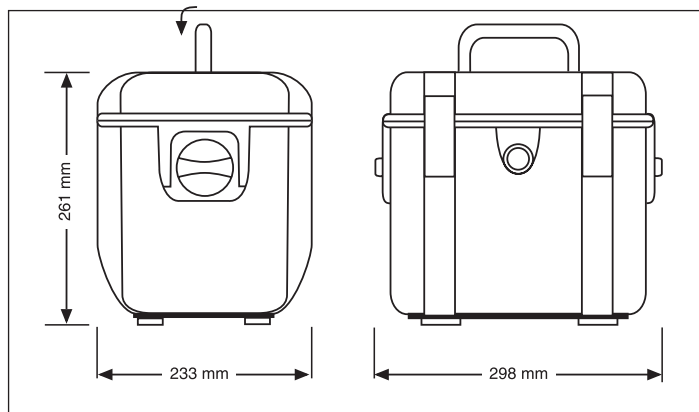
We produce fluid power solutions

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Standard accessories	Minimess tube, power supply, suction and return hose, couplings, manual
Data memory	Saves 1.250 readings, every measurement is saved with date and time, download in an Excel-compatible format

Dimensions



Subject to change
100.60-3e · 0213