



NEW

Ryme Worldwide introduces its particle counter to the market. A gas measurement equipment for periodic emission testing of diesel vehicles.



COMPACT

A product in a small format that allows easy transportation from one place to another.

## EMISSIONS AND DIAGNOSTIC SYSTEMS

### PARTICLE COUNTER R-PC300

#### Advantages of the R-PC300

- ✔ Integrated ASA interface
- ✔ Communication via Bluetooth, WLAN, USB
- ✔ Simple and easy to use
- ✔ Display to show measurements
- ✔ Easy to integrate into existing systems
- ✔ No means required for operation
- ✔ Quick and easy replacement of filters without opening the unit.
- ✔ Low downtime due to automatic self tests
- ✔ Robust and low-maintenance measuring principle
- ✔ Removal of volatile particles
- ✔ No heating probe hose, making it more resistant to possible breakdowns
- ✔ Exhaustive filtered dilution system to avoid particulate contamination
- ✔ Optional carrying case / trolley
- ✔ Optional battery kit for mobile use

The technology of the **R-PC300** is based on the DC (diffusion charging) principle. In combination with the EOBD module, the portable particle counter R-PC300 is suitable for measuring particle number concentration according to the new AU equipment guideline.

The R-PC300 particle counter is characterized by its high measuring accuracy for the determination of particle number concentration and its simple handling. This is essential for mobile use to ensure consistent accuracy.

For the calibration and traceability required by law, Ryme Worldwide has its own certified and approved laboratory, which also performs mobile calibrations on site by its own service technicians.



## Technical Data

Power supply	24 V +-10 % DC voltage
Power consumption	< 120 W
Weight	5 kg
Dimensions	L x H x B = 325 mm x 103 mm x 290 mm
Operating temperature	+5 °C bis 40 °C
Storage temperature	-10 °C bis +50 °C
Ambient humidity	<95 % (non-condensing)
Environmental pressure	860 hPa bis 1060 hPa
Gas flow measurement	2 l/min
Accuracy of measurements (Laboratory conditions)	± 25 % of measured value, at least 5000 cm-3
Preparation and warm-up time	< 5 min
Protection	IP54 in the corresponding measuring enclosure
Connectivity	USB, Bluetooth, WLAN

## A unique solution for mobile and stationary use



### Automated test sequences of:

1. Self-test when turning on the particle counter
2. Automated zero testing and adjustment
3. Optional mobile kit consisting of: Transport case, trolley and battery pack (specially designed for PTI application requirements).

A product of

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group