

Puracon Mobil BA



Puracon Mobil BA - M200 / M300

The new Puracon Mobil BA is the professional solution for mobile monitoring of Humidity + CO + CO₂ + O₂ and VOC (Oil).

Display and sensors were combined in a very compact device, which completely replaces the conventional and inaccurate verification with test tubes. This mobile system is used to monitor all the required values of the breathing air quality in accordance with EN 12021 and it can be used for continuous or for sporadically analyse of the breathing air quality.

The system is directly connected between the charging hose and the bottle to be filled, the measured values are clearly indicated on the illuminated display. Also already filled bottles can be checked with the Puracon Mobil BA by using the optional available downstream throttle.

Specifications

- » Durable aluminum housing
- » Large display unit Ø = 96 mm
- » Power cord (length 1.2 m) with CE plug 230 V AC
- » Digital LCD display in ppm%, mg / m³ and bar
- » Pressure / Temperature compensation
- » Red Alarm LED
- » Green Operation LED
- » Pressure reducer including throttle valve
- » Gas flow regulator
- » Connection: DIN 200 or DIN 300
- » Recommended calibration cycle: 12 months
- » Max. pressure: 350 bar

Available versions

- » 200 bar filling connector
- » 300 bar filling connector
- » 230 V AC
- » 24 V DC



Technical Data

| Technical Data | M 200 | M 300 | Monitoring Range | |
|-----------------------|-------------------------------------|------------------|------------------|------------------------------|
| Operating pressure | 150 - 250 bar | 250 - 350 bar | Humidity | 5 – 120 mg/m ³ |
| Power supply | 100 - 240 V / optional 12V or 24VDC | | CO | 0 - 30 ppm |
| Connector | DIN 200 (G5/8) | DIN 300 (G5/8) | CO ₂ | 0 - 2000 ppm |
| Protection rating | IP 50 | IP 50 | O ₂ | 0 - 30 % |
| Operating temperature | +5°C to +45°C | +5°C to +45°C | Oil | 0,05 - 0,5 mg/m ³ |
| Dimensions | 175 x 96 x 50 mm | 175 x 96 x 50 mm | Pressure | max. 350 bar |

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* VOC = (volatile organic compounds) Sensor for oil vapors and other air pollution such as Hydrogen H, Hydrosulfide H₂S, Ammonium NH₄, Ethanol C₂H₆O, Toluene C₇H₈.