

ON THE QUALITY LINE

CheckPoint

HAND-HELD GAS ANALYSER FOR SPOT TESTING

O₂ or O₂/CO₂ version
with memory function



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CheckPoint is a hand-held battery operated gas analyser for random testing. It measures oxygen or oxygen/carbon dioxide in modified atmosphere packages (MAP) or similar applications.

ADVANTAGES

- Small, compact hand-held analyser
- Measures O₂ or combined O₂/CO₂
- Battery power for up to 2400 measurements
- Memory function

Microprocessor controlled

Easy calibration: Just a simple hot key touch and the CheckPoint automatically calibrates itself.

The CO₂ sensor is temperature compensated, so changes in room temperature do not affect the accuracy.

Single (O₂) or combined (O₂/CO₂) gas sensor system

Very easy to calibrate

Built-in pump

Auto power-off after 1 minute

SPECIFICATIONS:

O₂ Sensor system:

- Electrochemical, minimal cross sensitivity to CO₂
- Range 0 - 100%, resolution: 0.1%
- Accuracy (CheckPoint O₂/CO₂): 2% relative in the range of 5% - 100%, 0.1% absolute in the range of 0 - 5%
- Accuracy (CheckPoint O₂): 2% relative in the range of 10% - 100%, 0.2% absolute in the range of 0 - 10%
- Sample volume approx. 15ml
- Expected life-time > 2 years
- Semi-automatic calibration in air

CO₂ Sensor:

- Infra-red type
- Measuring range: 0 - 100%, resolution: 0.1%
- Accuracy: 3% absolute in the range of 20 - 100%, 2% absolute in the range of 0 - 20%
- Sample volume approx. 15ml
- Expected life-time > 2 years
- Semi-automatic calibration in air (0% CO₂) and 100% CO₂

Measuring system:

- Measuring time : 10 secs. (adjustable)
- Built-in pump max. -200 mbar vacuum
- Robust sample hose

User interface:

- 3 digit LED for each gas
- 3 function buttons: On/off, start measuring and memory
- For right or left hand operation (easy to change)
- Memory function for 10 tests

Cabinet:

- Weight: 0.5 kg
- Size: 74 x 63 x 135 mm (W x H x D)
- IP53
- Anodised aluminium

Options:

- External power supply
- Rechargeable NiMH battery pack
- Arm wrist holder



Integrated needle holder (for left or right hand)

Display hold function (also after power off)

Automatic sample time-out



PBI-Dansensor A/S

Rønnedevej 18 . DK - 4100 Ringsted . Denmark . Phone: +45 57 66 00 88 . Fax: +45 57 66 00 99

E-mail: sales@pbi-dansensor.com . Homepage: www.pbi-dansensor.com