

## GAS ANALYSER OXYSPOT dot for non-invasive measurement of O<sub>2</sub>

The non-invasive oxygen analysers OXYSPOT dot is working with an innovative optical measurement method for determining the oxygen concentration within sealed transparent/semitransparent packages.

The oxygen concentration is displayed directly and precisely on the screen of your PC or tablet.

The measurement is repeatable without destroying the integrity of the package seal. The OXYSPOT dot is ideally suitable for long-term measurement e.g. for example for checking modified atmosphere packaging.

The instrument has an ambient temperature compensation.

### Benefits

- non-destructive measuring technique
- headspace measurement for the smallest of packs
- multiple measurements on the same package
- perfect for long-term monitoring
- fast measurement
- no interference from other gases
- only one-time calibration
- small and light
- control via your tablet or PC
- ideal for development and quality management

### Complete in carrying case

- stainless steel table-rack
- USB cable
- USB stick with operating instructions and software for Windows and Android
- applicator for measuring points (dots)
- 100 measuring points (dots)
- case dimensions (HxWxD):  
approx. 325x385x115 mm (12.79x15.16x4.53 inches)

*for technical details please see last page*



### Our OXYSPOT model series:

- OXYSPOT dot** - for long-term measurement
- OXYSPOT needle** - for blister and similar

## GAS ANALYSER OXYSPOT needle for very low gas volume



The oxygen analyser OXYSPOT needle is working with an innovative optical measurement method. The optical sensor is directly mounted inside the needle. Oxygen concentrations can also be measured in smallest of packs.

Ideally suitable for blister packages, vials, coffee capsules and even for vacuum packages.

The sample measurement via needle is without removing gas.

The oxygen concentration is displayed directly and precisely on the screen of your PC or tablet.

### Benefits

- headspace measurement for the smallest of packs and very low sample gas volume
- fast measurement
- no interference from other gases
- only one-time calibration
- small and light
- control via your tablet or PC
- ideal for quality management



### Complete in carrying case

- USB cable
- fibre optic cable and needle
- USB stick with operating instructions and software for Windows and Android
- set of 100 rubber seals
- case dimensions (HxWxD):  
approx. 325x385x115 mm (12.79x15.16x4.53 inches)

*for technical details please see last page*

### Our OXYSPOT model series:

- OXYSPOT dot** - for long-term measurement
- OXYSPOT needle** - for blister and similar

# GAS ANALYSER OXYSPOT

for O<sub>2</sub>



<b>Type</b>	
<b>OXYSPOT dot</b>	non-destructive sampling analysis
<b>OXYSPOT needle</b>	sampling analysis on smallest packages
<b>Gases</b>	O <sub>2</sub> in gases
<b>Measuring principle</b>	optical
<b>OXYSPOT dot</b>	
<b>Measuring range</b>	0 – 25% in gases with 0.01%-steps
<b>Tolerance</b>	0 – 5% O <sub>2</sub> +/-0.05% abs. 5 – 25% O <sub>2</sub> +/-0.5% abs.
<b>OXYSPOT needle</b>	
<b>Measuring range</b>	0 – 25% in gases with 0.01%-steps
<b>Tolerance</b>	0 – 5% O <sub>2</sub> +/-0.05% abs. 5 – 25% O <sub>2</sub> +/-0.5% abs.
<b>t<sub>90</sub></b>	≤ 15 sec.
<b>Compensated temperature range</b>	0 – 40 °C (+32 °F to +104 °F)
<b>Data log</b>	depending on the storage medium
<b>Communication</b>	USB port
<b>Software</b>	OXYSPOT
<b>System requirement</b>	WINDOWS® 7 or above
<b>Language</b>	English
<b>Display</b>	your tablet, notebook or PC
<b>Housing</b>	aluminium anodised, IP 54 (without plug)
<b>Weight</b>	approx. 550 g (without accessories)
<b>Dimensions (HxWxD)</b>	
<b>OXYSPOT dot</b>	approx. 185 x 80 x 35 mm (with socket)
<b>OXYSPOT needle</b>	approx. Ø 0.2 - 0.4 mm, length 2 m
<b>Sensor spot</b>	approx. Ø 10 mm
<b>Power supply</b>	USB
<b>Approvals</b>	Company certified according to ISO 9001 and ISO 22000 CE-marked according to: - EMC 2014/30/EU for food-grade gases according to: - Regulation (EC) No 1935/2004