

## GPX1500 - Vial

Headspace gas analyser for non-intrusive measurements in vials.

Non-destructive at-line, storage or laboratory quality testing. GPX1500 vial edition allows quick and easy testing of pharmaceutical vials. The result is presented immediately on the touch screen. The non-destructive measurement lets you return the samples to the production line with no waste.

Several types of vials are supported, 2R-100R.

The sample is placed in the holder. An infrared light beam is sent in the headspace of the vial, probing the gas inside and providing instant result. The laser light is completely eye safe. Our methods are non-destructive, deterministic and USP 1207 and ASTM recognized.



### Benefits

- Reliable oxygen sensing
- Non-intrusive testing
- Instant spot-checks at-line
- Long-term studies on vials
- Test shelf life in storage
- User-friendly touch screen
- Completely eye safe



### Specifications

<b>Gas:</b>	O <sub>2</sub>
<b>Measuring technique:</b>	Tunable Diode Laser Absorption Spectroscopy (TDLAS)
<b>Infrared laser:</b>	Class 1 according to IEC 60825-1 760 nm wavelength, < 0.5 mW optical power
<b>Measurement range:</b>	0 - 100%
<b>Measurement time:</b>	0.5 - 30 s
<b>Resolution:</b>	0,1%
<b>Typical precision:</b>	0,03%
<b>Startup time:</b>	< 1 min
<b>Approvals:</b>	CE-marked according to: - EMC 2014/30/EU, - Low Voltage Directive 2014/35/EU

<b>Accessory:</b>	Protective transport case
<b>Temperature:</b>	+ 5 C to + 40 C
<b>Calibration:</b>	Every 12 months
<b>Interfaces:</b>	USB, Ethernet
<b>Housing:</b>	Metal housing
<b>Weight:</b>	Approx 8kg
<b>Dimensions (HxWxD):</b>	210 x 480 x 265 mm <sup>3</sup>
<b>Primary electrical:</b>	100-240 V AC, 50 W, 50 / 60 Hz
<b>Secondary electrical:</b>	18 - 30 V DC