

GPX1500 Vial

Headspace gas analyzer 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-destructive testing
- Low headspace required
- Instant spot-checks at-line
- Test shelf-life in storage
- User-friendly touch screen
- Easy to operate
- Completely eye safe



Specifications

Gas:	O ₂	Infrared laser	Class 1 according to IEC 60825-1 760 nm wavelength, < 0.5 mW optical power
Measuring technique:	TDLAS – Tunable Diode Laser Absorption Spectroscopy	Interfaces:	USB, Ethernet for remote support
Measurement range:	0-100%	Housing:	Metal housing
Measurement time:	2 seconds	Weight:	8 kg
Resolution:	0.1% O ₂	Dimensions (HxWxD):	210 x 480 x 265 mm
Typical precision:	0.03% O ₂	Headspace thickness:	18 mm
Startup time:	< 1 minute	Primary electrical:	100-240 V AC, 50 W, 50 / 60 Hz
Approvals:	CE-marked according to: - EMC 2014/30/EU, - Low Voltage Directive 2014/35/EU	Secondary electrical:	18 – 30 V DC
Temperature:	+ 5°C to + 40°C	Calibration:	Calibration adapter necessary