

GPX1500 Film Pharma

Headspace gas analyzer for non-destructive measurements in transparent IV bags and pharmaceutical pouches.

Non-destructive at-line, storage or laboratory quality testing. GPX1500 Film Pharma allows quick and easy testing of IV bags and pharmaceutical pouches. It can measure both primary and secondary bags. The result is presented immediately on the screen and logged internally. The non-destructive measurement lets you return the samples to the production line with no waste.

The bag is placed manually on the instruments. The operator is lowering down the test head to touch the film. By pressing the measure button, the film is formed to access the headspace with the laser and the headspace gas content of the bag is measured. The testing time is below 10 seconds. This also allows to do a high sampling frequency, without the loss of any products. The oxygen or carbon dioxide concentration is displayed on the touchscreen.



Benefits

- Easy to operate
- Accurate
- GMP compliant
- Reliable oxygen sensing
- Completely eye safe
- Non-destructive testing
- Possible to measure small headspace
- User-friendly touch screen
- Parameter free
- Calibration free



Applications

- Instant spot-checks at-line
- Oxygen diffusion studies
- Shelf-life oxygen studies
- CCIT studies

Specifications

Gas:	O ₂	CO ₂	Temperature:	2 – 30°C
Resolution:	±0.01%	±0.1%	Pressure:	Ambient pressure
Typical precision:	±0.2%	±1%	Housing:	Aluminum
Measuring technique:	HSA/TDLAS		Weight:	8 kg
Measurement time:	4 seconds		Dimensions (HxWxD):	310 mm x 390 mm x 265 mm Height 365 mm for High Arm version
Measurement range:	0 – 100%		Power:	100 – 240V, 50W, 50 – 60Hz AC, 18 – 30V DC
Startup time:	<1 minute		Laser Class:	Class 1, according to IEC 60825-1
Approvals:	CE-marked according to: - EMC 2014/30/EU, - Low Voltage Directive 2014/35/EU		Interfaces:	Touch screen HMI, USB, Service ethernet, Serial RS422
Container types:	Flexible film bags & pouches, including primary and secondary bags as well as multi-chamber bags		Height versions:	75 mm (packages up to 75 mm height) 135 mm (packages up to 135 mm height)
Headspace volume:	>3 ml		Required transparent area:	>10mm x 30 mm
Content:	Oily, milky, transparent liquids		Calibration:	No product specific calibration required
Bag volume:	100 – 5000 ml			