

# LineArch™

Plug and play, In-line HSA and CCIT machine ready for integration

The LineArch™ is a completely non-destructive and non-intrusive inspection machine for headspace analysis and CCIT of pharmaceuticals.

Available both with VialArch™ or BottleArch™ configuration the LineArch™ is capable to measuring a wide range of both large and small volume parenterals (LVP and SVP) in the production line, enabling 100% testing.

### Benefits

- Parameter free
- Calibration free
- Completely eye safe
- Cost saving
- Non-destructive testing
- Reliable sensing
- User-friendly touch screen

### Gasporox concept

Gasporox LineArch™ is delivered with Gasporox measurement concept meaning we work with you to ensure best performance, so the below specification is made general as the LineArch™ will be custom modified to perfectly fit your inspection- and production line.



### Specifications

	VialArch		BottelArch		VialArch	BottelArch
Gas:	O <sub>2</sub>	H <sub>2</sub> O	O <sub>2</sub>	Input power:	24V/2A DC, range 18 - 30V DC	
Measurement range	0 – 100%, 0 – 800 mbar partial pressure ingress air	10 – 1050 mbar total pressure, 0 – 25 mbar partial pressure	0 - 100%, 0-800 mbar partial pressure ingress air.	Measuring technique:	HSA/TDLAS - Tunable Diode Laser Absorption Spectroscopy	
Typical Accuracy:	0.2% O <sub>2</sub> at 300 mm/s		±0.4% O <sub>2</sub> at 300 mm/s	Container criteria:	2 – 100R	<105 mm Diameter
Typical Precision:	0.1% O <sub>2</sub> at 300 mm/s		0.2% O <sub>2</sub> at 300 mm/s	Measurement performance:	The measurement performance is highly dependent on the application parameters	
Footprint:	Stainless steel 1631 mm x 400 mm x 300 mm 50 kg			Pitch:	Minimum 1 vial diameter gap at 100 vials/min	Minimum 12 mm gap at 100 bottles/min
Measurement speed:	Up to 100 units/min			Approvals:	CE-marked according to: - EMC 2014/30/EU - Low Voltage Directive 2014/35/EU	
				Com interfaces:	Input/output communication Digital output	Serial RS422, USB Digital I/O, 0 - 24V (sinking type)
						Serial RS422, USB Digital I/O, 0 - 24V