

OxyExtract-100

In-Line O₂ Measurement

The Ntron OxyExtract has the ability to measure O₂ concentration directly in the process gas stream without the need for complex sampling systems.

It is perfectly suited to Safety Critical applications within the Chemical and Pharmaceutical Industries as the sensor can be removed or replaced without opening the process to ambient air.



Features

- In-Line Oxygen Measurement for Safety Critical Applications
- Manual or Automatic Actuation
- Available in 316 Stainless Steel and Hastelloy C22
- ATEX Approved for Hazardous area Applications
- Tri-clamp and flanged process connections

Applications

An Oxygen Sensor for use in:

- Chemical Industry
- Pharmaceutical Industry
- Food Industry
- Biotech Industry
- Process Industry

Proven, Trusted Technology

The OxyExtract-100 Range of IECEx/ATEX approved retractable In-Line Oxygen Sensors along with the OxyOne Analyser and ACCU Calibration unit, provide a cost effective solution to meet your process safety requirements.

The Primary advantage of the OxyExtract-100 is the ability to measure Oxygen concentration directly in the process gas stream without the need for complex sampling systems.

The sensor can be removed/replaced without opening the process to ambient air. Two basic versions are offered; one for manual insertion and retraction of the sensor probe, and the other for remote (pneumatic) insertion and retraction of the sensor probe.

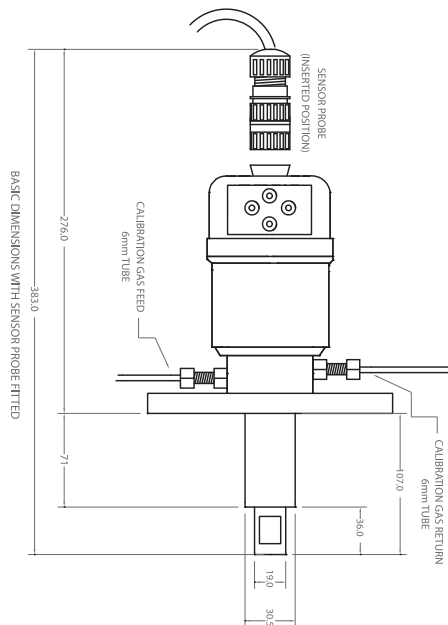
The OxyExtract-100 is available in 316 stainless steel and hastelloy C22 and has a variety of Tri-Clamp and Flange process connections.

OxyExtract-100

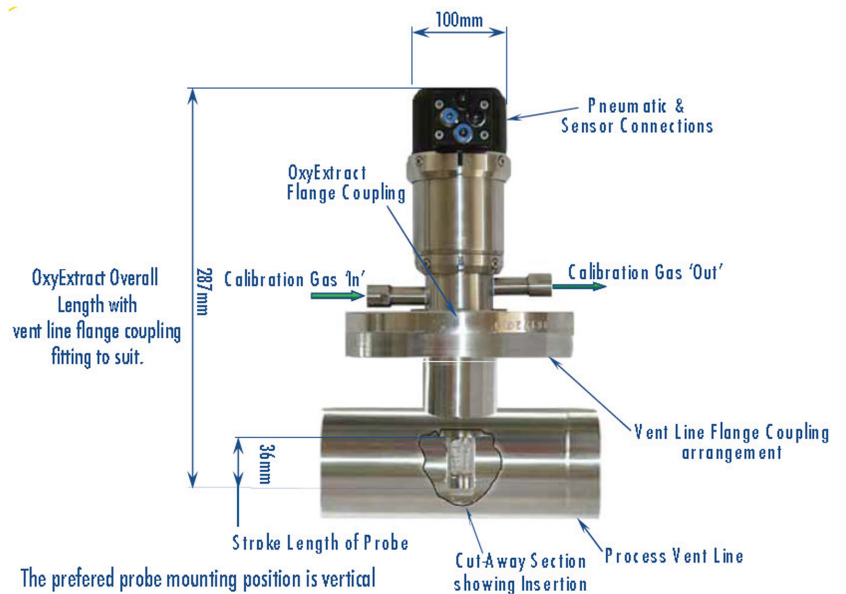
Product specifications

Model	OxyExtract-100 : Pneumatic and Manual
Weight	5 - 8kg dependant on materials / process connection
Dimensions	287mm overall / 100mm Diamter at connetion cap
Process Connections	1 1/4" NPT
Sealing Material	EPDM
Calibration Connection	G1/8" Thread Female
Pressure	Mechanical construction can withstand 10 BarG Pressures
Temperature Range	-20°C to +50°C
Construction Materials	Stainless steel 316L / 1.4404

Technical drawing



Product overview



Ordering information

Product	Sealing Material	Process Connection	Calibration Connection	Part No.
OxyExtract-100	EPDM	NPT 1 1/4"	G 1/8" Female Thread	03-375

Please note: Ntron Ltd. adopts a continuous development program which sometimes necessitates specification changes without notice. Please contact us for latest version.