

Oxyferm FDA / Oxyferm VP / Oxyferm XL

Dissolved Oxygen Sensor for Biotech

The Sterilizable and Autoclavable OXYFERM sensors represent a new standard in biotechnology. Maintenance is rarely required due to the improved design of the sensor and the construction of it guarantees excellent stability even after numerous sterilization cycles. Also the effect of low flow rate is negligible on the readings.

- OXYFERM FDA is shipped with a spare FDA membrane body
- Unique feature: upside-down insertion is possible when using OXYLYTE USD electrolyte. This is very useful for measurements in nearly empty tanks / containers.
- Replacable internal measuring body with quick fit assembly
- Shaft and membrane have their own serial and melt numbers
- Sanitary feature: the silicon membrane seals without a gap to steel membrane body (no additional o-ring)
- Fast response, short polarization time
- Longer service period due to higher sterilization cycle of membrane, results in lower operating costs and maintenance
- 12 mm or 25 mm (XL version) shaft diameter

Applications

- Fermentation
- API
- Isolation chamber
- Chemical



Specifications

O ₂ Range	10ppb to saturation; 0.1%-200% for air oxygen
Temperature	0 - 130 deg C
Pressure	Max 4 bar
Temperature Sensor	22 k Ohm NTC

Model

OXYFERM VP 120	HT237400
OXYFERM FDA 120	HT237450
OXYFERM XL 56 (25 mm)	HT237175-25

Note : Other sensor lengths are available on request.

Cables

Connector type	Length	Part no.
T82 (for FDA and XL models)	3 M	HT355088
T82 (for FDA and XL models)	5 M	HT355089
VP6 (for VP version)	3 M	HT355109
VP6 (for VP version)	5 M	HT355110
VP6 (for VP version)	10 M	HT355111

Housing

Model	Process connection	Part no.
Flexifit Bio	G ¼" (ring nut)	HT237331
Retractofit Bio 25	G ¼" (ring nut)	HT237480

Accessories

Membrane Kit	HT237123
Membrane Kit FDA	HT237140
Membrane Kit CIP	HT237126
Electrolyte Oxylite 30 ml	HT237118
Replacement Cathode for Oxyferm	HT237306

Membrane Kit



Simple cathode replacement:



Remove the old cathode assembly with a pull and insert the new assembly!



Forbes Marshall
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Opp 106th Milestone
Bombay Poona Road
Kasarwadi, Pune - 411 034. INDIA
Tel : 91(0)20-27145595, 39858555
Fax : 91(0)20-27147413

Email : pasales@forbesmarshall.com, ccmidc@forbesmarshall.com

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B-85, Phase II, Chakan Indl Area
Sawardari, Chakan, Tal. Khed
Dist. Pune - 410 501. INDIA
Tel : 91(0)2135-393400

A-34/35, MIDC H Block
Pimpri, Pune - 411 018. INDIA.
Tel : 91(0)20-27442020, 39851199
Fax : 91(0)20-27442040

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www.forbesmarshall.com