

TruDO – Dissolved Oxygen Sensor

The TruDO® family of re-buildable dissolved oxygen sensors is designed for superior performance. The semi-automated manufacturing process results in greater repeatability and improved reliability of these sensors in bioprocess applications such as cell culture and fermentation.

Specifications

Measurement	Polarographic
Dissolved Oxygen	0.1–200% air saturation 10 ppb to saturation
Temperature	0–135°C
Pressure	4 bar maximum
Temperature Compensation	22 kohm thermistor
Wetted Materials	316L S.S.
Surface Finish	Ra 12 (electro-polish)

Sensors 12mm

D4/T82	VP
DOS-OFF-D4-120	DOS-OFF-VP-120
DOS-OFF-D4-225	DOS-OFF-VP-225
DOS-OFF-D4-325	DOS-OFF-VP-325
DOS-OFF-D4-425	DOS-OFF-VP-425

Sensors 25mm

D4/T82	VP
DOS-STD-D4-070 (Standard Port)	DOS-STD-VP-070 (Standard Port)
DOS-STF-D4-070 (Safety Port)	

Cables

D4/T82	VP
CAB-D4-06, 6 ft/2 m	CAB-VP-06, 6 ft/2 m
CAB-D4-10, 10 ft/3 m	CAB-VP-10, 10 ft/3 m

Membrane Replacement Kit

DOS-MEM-12

Polarizers

DOS-POL-D4 (D4/T82)
DOS-POL-VP (VP)

Like for Like 12mm

Replaces Bradley-James Model D140/D145
Replaces Mettler-Toledo/Ingold Model InPro 6800

Like for Like 25mm

Replaces Bradley-James Model D400/D405/D430/D435
Replaces Mettler-Toledo/Ingold Model InPro 6800



25mm

12mm

Features

- Fast response
- Highly repeatable
- Proven reliability
- Suitable for autoclave, SIP and CIP
- Certified “Like for Like” replacement for Bradley-James/Mettler-Toledo

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