

TruDO 12 mm

TruDO® 12 mm sensors are designed for improved performance and reliability in cell culture and fermentation applications. The DO sensor includes an anode, cathode, membrane, electrolyte, and the electrical connector that is connected to the transmitter using a cable (D4 or VP). For a given transmitter, the sensor probe can be replaced. The sensor probe can be separated from the cable and transmitter for sterilization. Insertion lengths of 120, 225, 325 or 425 mm are available.



Features

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

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

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

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

Membranes

DOS-MEM-12

Polarizers

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

Like for Like

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

Finesse Solutions, LLC
3350 Scott Blvd, Bldg 1
Santa Clara, CA 95054

Finesse Solutions AG
Via Sogn Gieri 27a
CH-7402 Bonaduz
Switzerland

877-204-8644
www.finesse.com