

OXYGEN ELECTRODE

Type: OE.D*.E**

Description

The Oxygen electrode consists of a PEEK body, platinum electrode, silver reference electrode and membrane holder. The platinum electrode is melted in glass. The membrane holder with electrolyte is attached by thread. Oxygen electrode (OE) is designed for measurements with thermostated cell TC4, TC5, TC6.



Physical Parameters

Dimensions:

Length: 50 mm

Diameter: 12 mm

Weight: 50 gms

Software Packs

These are available for:

- Basic evaluation and monitoring of Oxygen

Electrode material

OE.D*.E** (Oxygen Electrode)

O - Oxygen

E - Electrode

D - Diameter of the wire

- 1 - platinum wire, Φ 100 μ m
- 2 - platinum wire, Φ 600 μ m
- 3 - platinum wire, Φ 1000 μ m
- 4 - platinum wire, Φ 2000 μ m
- 5 - golden wire, Φ 20 μ m

Model	Cable	Termination	Evaluating Units
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OE.D*.ES	One core Shielded cable	Single conductors	any device
OE.D*.E1	One core Shielded cable	Banana plugs 4mm	any device
OE.D*.E2	One core Shielded cable	7 poles BVT connector	any device
OE.D*.E3 TRIAD	One core Shielded cable	Triad01 Palminstruments	Palmsens, EmStat2
OE.D*.E3 LEMO4	One core Shielded cable	LEMO 4 pins Palminstruments	Palmsens3, EIS, EmStat3, 3+
OE.D*.ES3 LEMO5	One core Shielded cable	LEMO 5 pins Palminstruments	Palmsens4
OE.D*.E4	One core Shielded cable	BNC connectors	eDAQ
OE.D*.E5	One core Shielded cable	Banana plugs 2mm 1 m cable	any device
OE.D*.E6	One core Shielded cable	Banana plugs 2mm 0.2 m cable	any device
OE.D*.E7	4 core Shielded cable	USB connector	Universal potentiostat MPH471

Electrode Usage

- Measurement of Oxygen
- Enzyme electrode based on consumption of Oxygen

Ordering Information

- The order is specified by whole product code
- Minimum order quantity - 1 electrode
- Delivery time for standard OE.D*.E** is 4 weeks from receipt of order
- Delivery time for non-standard OE.D*.E** depends on final technical specification of order

Example of Order - 20 pieces - OE.D1.E1

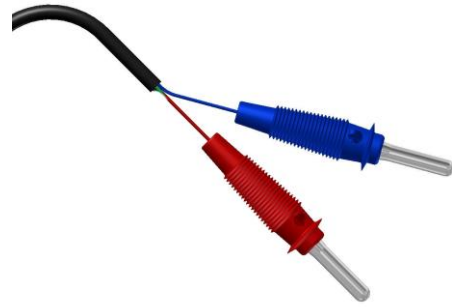
Internal Wiring

OE.D*.ES

OE.D*.E1



OE.D*.E2



OE.D*.E3.TRIAD
OE.D*. E3.LEMO4, OE.D*.
E3.LEMO5

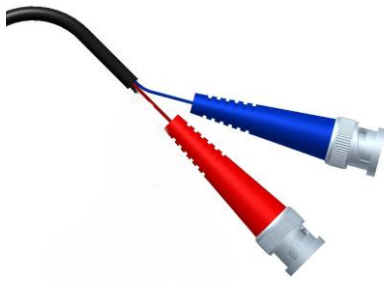
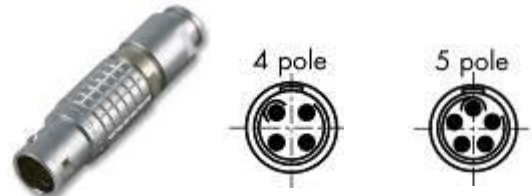


OE.D*.E4

TRIAD



LEMO



OE.D*.E6

