

Fast optical oxygen (Fast SST-DO)

max. depth 2,000 m.

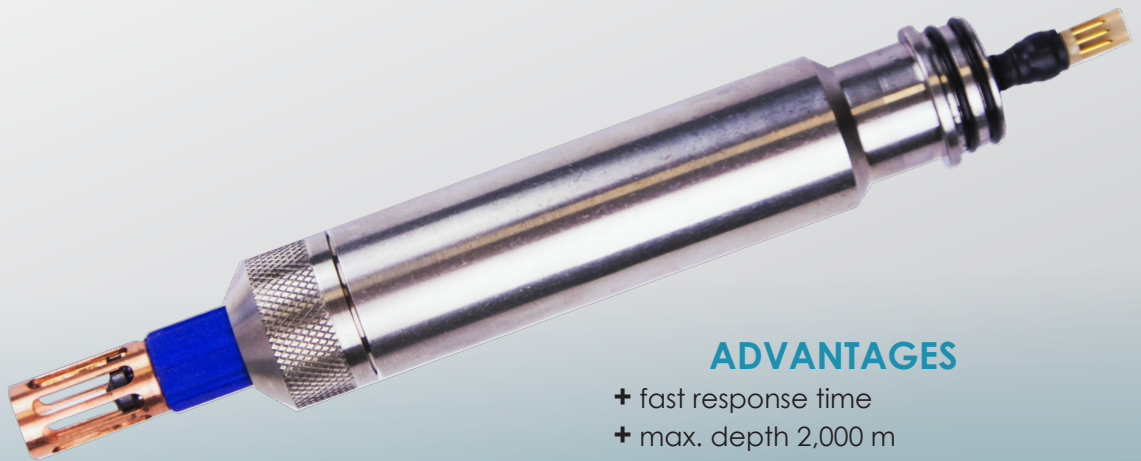


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The Fast SST-DO is an oxygen meter for depth up to 2,000 m.

The optical DO Sensor measures the partial pressure of the dissolved oxygen in liquids and gases. The measuring principle is based on red light excitation and lifetime detection in the near infrared spectrum using luminescent oxygen indicator. The fiber-optic detection on solely a mm² tip results in fast response times of 300 ms.

Temperature compensation is controlled via the probe temperature sensor.



ADVANTAGES

- + fast response time
- + max. depth 2,000 m
- + easily to exchange

Fast optical oxygen sensor / Fast SST-DO

Pressure resistance	2,000 dbar
Measuring range	0-250% saturation
Response time	down to 300 ms
Principle	optical
Material	Titanium
Dimensions	25 mm Ø, 160 mm long overall
Used for	CTD48Mc, MSS



Exchangeable sensor head



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