

The Specialist in Oxygen Measurement Technique



Syland 4002-DRS

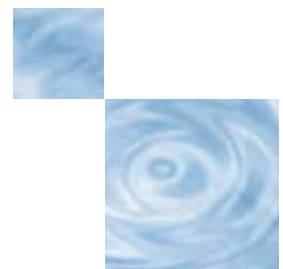
Portable field measuring instrument with switchable measuring ranges for ppm and ppb



- *2 simultaneous recorder outputs*
- *Built in flow generator MAGN-O₂-TRON 2000 and Flow Meter Cell*
- *Network-independent by means of accumulator and integrated charger*
- *Option: permanent high-resolving recorder range*

O₂

Model summary



The Syland model 4002-DRS is a portable field meter with switchable measuring ranges for ppm and ppb. The integrated flow generator MAGN-O₂-TRON 2000 and our Flow Meter Cell ensure an absolutely constant flow speed of the sample and thus guarantee an accurate, reproducible measurement of dissolved oxygen.

- 2 switchable measuring ranges: ppm und ppb
- 2 simultaneous recorder outputs for O₂ and °C
- with carrying handle, sidewise brackets to hold sensor and cable winding up device
- simple air calibration in the atmosphere

Technical Data

O ₂ -Measuring ranges:	2, switch-selectable: 0,00 - 20,00 ppm dissolved O ₂ 0 - 2000 ppb dissolved O ₂
O ₂ -Accuracy:	± 0,1 % of full-scale point
°C-Measuring range:	0,0 - 50,0 °C
°C-Accuracy:	± 0,1 °C, automatic temperature compensation
Recorder outputs: (2, simultaneous)	for O ₂ 0,00 - 20,00 ppm / 0 - 2000 ppb / 0 - 200 mV for °C 0,0 - 50,0 °C / 0 - 500 mV
Power supply:	230 V AC / 50/60 Hz - 2 VA, accumulator + integrated charger
Burden:	> 100 KΩ
Fuse:	0,3 A
Display:	13 mm high, 3-1/2-digit LCD
Sensor:	all active Syland sensors
Calibration:	air calibration in the atmosphere
Housing:	PVC housing, protection categorie IP 65
Dimensions:	H x W x D: approx. 370 x 300 x 150 mm
Weight of instrument:	approx. 2,9 kg
Field case:	H x W x D: approx. 410 x 560 x 180 mm; weight approx. 3,5 kg
<u>Option:</u>	permanent high-resolution recorder range


Delivery Range

The Syland model 4002-DRS is undergoing a thorough quality control and calibration before delivery and includes service material, a detailed instruction manual and an up-holstered field carrying case. Standardly equipped with a sensor 4000-E with 1 m cable.

Built in flow generator MAGN-O₂-TRON 2000, Flow Meter Cell and charging main cable included.

Technical details are subject to change. Errors excepted.

06/2003



Would you like more detailed information or do you have specific requests? Contact us - we assist you!

Syland Scientific GmbH
Von-Humboldt-Strasse 2
D-64646 Heppenheim
Germany
Phone +49 (0) 62 52 - 7 20 61
Fax +49 (0) 62 52 - 7 66 33
info@syland-scientific.com
www.syland-scientific.com