

# Dissolved Oxygen measurements made easy

## Meter Specifications

Models		CyberScan Premium Bench	
		DO 1500	DO 6000
<b>Measuring Parameter</b>		DO/°C/°F	DO/BOD/OUR/SOUR/°C/°F
<b>Highlights</b>		Self-stirring BOD probe compatible	Windows® CE, BOD, OUR and SOUR measurement, Color TouchScreen LCD
<b>Dissolved Oxygen</b>	<b>Range</b>	0 to 60 mg/l or ppm	0 to 60 mg/l or ppm (0 to 1272 mbar)
	<b>Resolution</b>	0.01 mg/l or ppm	0.01 mg/l or ppm (0.1 mbar)
	<b>Accuracy</b>	±0.5% full scale + 1 LSD	±0.1 + 1 LSD
<b>% Saturation of Oxygen</b>	<b>Range</b>	0 to 600%	
	<b>Resolution</b>	0.1%	
	<b>Accuracy</b>	±0.5% of full scale + 1 LSD	±0.1% + 1 LSD
<b>Temperature</b>	<b>Range</b>	0.0 to 45.0 °C	-5.0 to 46.0 °C
	<b>Resolution</b>	0.1 °C	
	<b>Accuracy</b>	±0.3 °C	±0.1 °C
<b>Salinity Correction</b>	<b>Range</b>	0 to 45 ppt	
	<b>Resolution</b>	0.1 ppt	
<b>Barometric Pressure Correction</b>	<b>Range</b>	450 to 825 mmHg	
	<b>Resolution</b>	1 mmHg	
	<b>Accuracy</b>	±1% + 1 least significant digit	
<b>Meter Functions</b>	<b>Memory</b>	100 data sets	10,000 data sets
	<b>Display</b>	Extensive	Extra Large Touchscreen
	<b>Inputs</b>	DIN connector	DC Socket, DIN connector, SD reader USB, RJ45, phono socket
	<b>Output</b>	Bi-directional RS232	USB, IRDA, RS232C
	<b>Power Requirements</b>	12V DC Adapter, 300 mA (100/240 VAC, SMPS)	9V DC Adapter, 3.3 A (100/240 VAC, SMPS)
<b>Dimension (LxWxH) Weight (cm/g)</b>	<b>Meter</b>	19.5 x 14 x 8.5 cm 950 g	16.5 x 23.5 x 8.9 cm 1100 g
	<b>Boxed</b>	39.5 x 26 x 9 cm 1250 g	49 x 28 x 16 cm 3700 g

Order Code.	Item
EC-DO1500/42	CyberScan Bench DO1500 DO/RS232 Meter with self-stirring DO/BOD probe (EC-620-SSP) and SMPS adapter
EC-DO6000/42	CyberScan Bench DO 6000 DO, USB, RJ 45, IrDA, SD card reader, RS232 Meter with self-stirring DO/BOD probe (EC-620-SSP) and SMPS power adapter
EC-620-SSP	DO/BOD electrode with self-stirring mechanism, 1m cable length