

BC 125

Electrodes simulator



Technical Specifications

Output pH - mV - E.C.: error 1% max.

Output mA: error 2 %

Input mV: error 2 % max

Input mA: error ± 1 mV

Battery life: 100 hours operation

Dimensions: 92 x 155 x 45 mm - Weight: 300 g

Cables: included

The technical specifications could be changed without notice.

OD 105.1

Dissolved Oxygen Simulator



This instrument is designed to calibrate the D.Oxygen meters and to check the D.Oxygen polarographic cells.

By selecting the CELL function the instrument provides the polarization voltage to the cell under test and it measures the delivered current.

By selecting the AMP function the instrument measures the polarization voltage and provides an adjustable current to test the input circuits of the D.Oxygen meter.

All data are visualized on the display.

Technical Specifications

Display: LCD 3 1/2 digit

Polarization Voltage (output): 0/1000 mV

Polarization Voltage (input): 0/1000 mV

Output Current: 0/199.9 nA - 0/1999 nA

Input Current: 0/199.9 - 0/1999 nA

Connectors: BNC

Power: 9Vdc battery

Battery life: 100 hours operation

Dimensions: 92 x 155 x 45 mm

Weight: 300 g

The technical specifications could be changed without notice.

Архангельск (8182)63-90-72
Астана +7(7172)727-132
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
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Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Казань (843)206-01-48

Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
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Москва (495)268-04-70
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Набережные Челны (8552)20-53-41

Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Орел (4862)44-53-42
Оренбург (3532)37-68-04
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E. Conductivity Temperature meter

High accuracy and reliability
LCD display
Temperature visualization
Automatic or manual temperature compensation
Temperature coefficient visualization
Corrosion resistant

This instrument is designed for field applications in waste water, swimming pools, chemical, electroplating and food industries. By pressing any key the instrument will switch on or will extend the operation for about 5 minutes.

The temperature compensation on the E.C. readout is automatic or manual. The operator may select the temperature coefficient for the compensation.

The zero and sensitivity adjustment allows a very accurate calibration of the meter.

The plastic case with the polycarbonate membrane provide a corrosion resistance in field applications.

Accessories and sensors

to be ordered separately

BC 921

carrying case

SZ 3252

E.C. sensor, K=1 black platinum electrodes

SP 51501 - SP 51511

suggested temperature sensors



Specifications

Display: LCD 3 1/2 digit

Scales: 0/199.9 μ S - 0/1999 μ S - 0/19.99 mS - -20.0/+120.0 $^{\circ}$ C

Zero: adjustable

Sensitivity: adjustable

Input: from 2-electrodes cell, BNC connectors
from Pt1000, jack connector

Power: 9V battery

Battery life: 100 hours operation

Dimensions: 92 x 155 x 33 mm

Weight: 300 g

The technical specifications could be changed without notice.

Dissolved Oxygen Temperature meter

High accuracy and reliability
LCD display
Temperature visualization
Automatic or manual temperature compensation
Corrosion resistant

This instrument is designed for a reliable D. Oxygen measuring in waste water and in field applications.

By pressing any key the instrument will switch on or will extend the operation for about 5 minutes.

The temperature compensation on the readout is automatic or manual.

The zero and sensitivity adjustment allows a very accurate calibration of the meter.

The plastic case with the polycarbonate membrane provide a corrosion resistance in field applications.



Accessories and sensors

to be ordered separately

BC 921

carrying case



SZ 664.2

Polarographic D.O. cell with built-in Pt1000.
250 nA, current in air at 20 °C, temperature 0/60 °C.
Epoxy body L=125 mm, D=21.5 mm, cable 5 m with BNC/Jack connectors.

Ship with spare membrane and electrolyte.

Applications: submersible, portable instruments in water treatment.

SZ 669.R1 spare membrane/electrolyte.

SP 51501 - SP 51511

suggested temperature sensors

Technical Specifications

Display:	LCD 3 1/2 digit
Scales:	0/19.99 ppm 0/100 % air sat. -20.0/+120.0 °C
Zero:	± 15 % Sensitivity: ± 20 %
Input:	from polarographic cell, BNC connectors from Pt1000, jack connector
Liquid speed:	0.3 / 0.7 m/s
Response time:	15 s at 95%
Compensation:	error ±1% f.s. for ±5 °C from the calibration temperature
Power:	9Vdc battery
Battery life:	100 hours operation
Dimensions:	92 x 155 x 33 mm
Weight:	300 g

The technical specifications could be changed without notice.

Free Chlorine - Dissolved Ozone meter

This instrument is designed for a reliable Free Chlorine and D. Ozone measuring in swimming pools, drinking water and in field applications.

The PPM measuring is displayed by means of a potentiostatic sensor directly immersed into the water.

The measuring method requires a constant pH value and a stirring of the sensor into the water in order to replace the consumed Chlorine/Ozone by the sensor.

The calibration is performed by a comparison with an external meter (example a photometer).

By pressing any key the instrument will switch on or will extend the operation for about 5 minutes.

The temperature compensation on the readout is automatic or manual.

The zero and sensitivity adjustment allows a very accurate calibration of the meter.

The plastic case with the polycarbonate membrane provides a corrosion resistance in field applications.



Accessories and sensors

to be ordered separately

BC 921

carrying case

SP 651

potentiostatic sensor with built-in Pt1000

Technical Specifications

Display: LCD 3 1/2 digit

Input: from potentiostatic sensor, BNC connectors
from Pt1000, jack connector

Scales: 0/1.999 ppm - 0/19.99 ppm - -20.0/120.0 °C

Power: 9Vdc battery

Battery life: 100 hours operation

Dimensions: 92 x 155 x 33 mm

Weight: 300 g

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