

## Описание на кондуктометры. Серия 4510, 4520

По вопросам продаж и поддержки обращайтесь:

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,  
Воронеж(473)204-51-73,  
Екатеринбург(343)384-55-89,  
Иваново(4932)77-34-06,  
Ижевск(3412)26-03-58,  
Казань(843)206-01-48,  
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Набережные Челны(8552)20-53-41,  
Нижний Новгород(831)429-08-12,  
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Пенза(8412)22-31-16,  
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Ростов-на-Дону(863)308-18-15,

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Томск(3822)98-41-53,  
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## 4510 and 4520 Bench Conductivity Meters

### 4510

- Simultaneous display of conductivity or TDS and temperature
- Automatic selection of range for best resolution
- Calibration by cell constant or standard solutions
- Automatic standard recognition
- Storage of up to 32 results
- Bi-directional RS232 link to printer or PC
- 3 year warranty

The 4510 is easy to use but with the flexibility to meet the broadest range of applications and for those where greater accuracy is required the 4510 has automatic conductivity standard recognition and endpoint detection. Set-up options include cell constant, temperature coefficient and reference temperature. The instrument can store up to 32 readings, which can also be sent to a printer or transferred to computer via DataWay and the RS232 interface.

### 4520

- Conductivity, resistivity, TDS and salinity modes
- Special pure water mode for ultra low conductivity measurements
- Storage of 500 results with built in data logger
- Infra-red data link (IrDA) for connection to printer and RS232 link to connect to printer or PC via DataWay software
- 3 year warranty

The 4520 is a high specification laboratory conductivity /resistivity/TDS/salinity and temperature meter that offers additional accuracy with 1, 2 or 3 point conductivity calibration across the wide measurement range of 0 to 19.99S. The dedicated "pure water" mode ensures the optimum accuracy for this difficult application.

### Technical Specification

Parameter	4510	4520
Conductivity range	6 auto-selected from 0 to 1999mS*	6 auto-selected from 0 to 19.99S*
Conductivity resolution	0.01µS to 1mS	0.01µS to 0.01S

Conductivity accuracy	$\pm 0.5\%$ $\pm 2$ digits	$\pm 0.5\%$ $\pm 2$ digits
Automatic standard recognition	10 $\mu$ S, 84 $\mu$ S, 1413 $\mu$ S, 12.88mS	10 $\mu$ S, 84 $\mu$ S, 1413 $\mu$ S, 12.88mS
Cell constant	0.010 to 19.999	0.010 to 19.999
TDS range	6 auto-selected from 0 –1999g/l*	6 auto selected ranges from 0 –1999g/l*
TDS resolution	0.01mg/l to 1g/l	0.01mg/l to 1g/l
TDS accuracy	$\pm 0.5\%$ $\pm 2$ digits	$\pm 0.5\%$ $\pm 2$ digits
EC Ratio	0.50 to 0.80	0.50 to 0.80
Resistivity range	NA	0–20Mohm
Resistivity resolution	NA	0.01Mohm
Resistivity accuracy	NA	$\pm 0.5\%$ $\pm 2$ digits
Salinity range	NA	0–99.9g/l
Salinity resolution	NA	0.1g/l
Salinity accuracy	NA	0–35 $\pm 1$ g/l, 35–99.9 $\pm 3$ g/l
Temperature range	–10 to 105 °C	–10 to 105 °C
Temperature resolution	0.1 °C	0.1 °C
Temperature accuracy	$\pm 0.5$ °C	$\pm 0.5$ °C
ATC and manual	0 to 100 °C	0 to 100 °C
Temperature coefficient	0.00% to 4.00%/°C	0.00% to 4.00%/°C
Reference temperature	18, 20 or 25 °C	18, 20 or 25 °C
GLP	NA	Calibration reminder interval, alarm outputs and security code protected data
Outputs	Analogue and RS232	Analogue, RS232 and IrDA interface
Connector	7-pin DIN	7–pin DIN
Power	9V AC $\pm 10\%$ @ 50/60Hz	9V AC $\pm 10\%$ @ 50/60Hz
Size (l x w x d)	210 x 250 x 55mm	210 x 250 x 55mm
Weight	850g	850g

\* With cell constant (K)=10

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