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Meter Selection Guide

pH Meter Quick Guide

Models	Parameters	pH Range	Accuracy	Cal. Points	pH Buffer Sets	GLP	Memory	Temperature Display	Housing Rating	Communication	Page No.
Pocket Testers											
PCSTestr 35	pH/Conductivity/TDS/ Salinity/°C/°F	0.00 to 14.00 pH	±0.01 pH	5	USA, NIST	–	–	Yes	IP67	–	**Pg 70**
PCTestr 35	pH/Conductivity/°C/°F	0.0 to 14.0 pH	±0.1 pH	5	USA, NIST	–	–	Yes	IP67	–	**Pg 70**
PTTestr 35	pH/TDS/°C/°F	0.0 to 14.0 pH	±0.1 pH	5	USA, NIST	–	–	Yes	IP67	–	**Pg 70**
pHTestr 30	pH/°C/°F	-1.00 to 15.00 pH	±0.01 pH	3	USA, NIST	–	–	Yes	IP67	–	**Pg 16**
pHTestr 20	pH	-1.00 to 15.00 pH	±0.01 pH	3	USA, NIST	–	–	–	IP67	–	**Pg 16**
pHTestr 10	pH	-1.0 to 15.0 pH	±0.1 pH	3	USA, NIST	–	–	–	IP67	–	**Pg 16**
EcoTestr pH 2	pH	0.0 to 14.0 pH	±0.1 pH	3	USA, NIST	–	–	–	IP67	–	**Pg 17**
pHTestr 10BNC	pH/°C/°F	-1.00 to 15.00 pH	±0.01 pH	3	USA, NIST	–	–	Yes	IP67	–	**Pg 18**
pH Spear	pH/°C/°F	-1.00 to 15.00 pH	±0.01 pH	3	USA, NIST	–	–	Yes	IP67	–	**Pg 18**
Handheld Meters											
CyberScan PCD 650	pH/ORP/Ion/ Conductivity/TDS/ Salinity/Resistivity/ Dissolved Oxygen/°C/°F	-2.000 to 20.000 pH	±0.002 pH	6	USA, NIST, DIN, PWB, Custom	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 72**
CyberScan PC 650	pH/ORP/Ion/ Conductivity/TDS/ Salinity/Resistivity/°C/°F	-2.000 to 20.000 pH	±0.002 pH	6	USA, NIST, DIN, PWB, Custom	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 73**
CyberScan PD 650	pH/ORP/Ion/Dissolved Oxygen/°C/°F	-2.000 to 20.000 pH	±0.002 pH	6	USA, NIST, DIN, PWB, Custom	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 73**
CyberScan pH 620	pH/ORP/Ion/°C/°F	-2.000 to 20.000 pH	±0.002 pH	6	USA, NIST, DIN, PWB, Custom	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 22**
CyberScan pH 610	pH/ORP/°C/°F	-2.000 to 20.000 pH	±0.002 pH	6	USA, NIST, DIN, PWB, Custom	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 22**
CyberScan pH 600	pH/ORP/°C/°F	-2.00 to 20.00 pH	±0.01 pH	6	USA, NIST, DIN, PWB, Custom	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 22**
CyberScan pH 310	pH/ORP/°C/°F	-2.00 to 16.00 pH	±0.01 pH	6	USA, NIST, DIN	Yes	50	Yes	IP67	–	**Pg 23**
CyberScan pH 300	pH/ORP/°C	-2.00 to 16.00 pH	±0.01 pH	5	USA	–	16	Yes	IP67	–	**Pg 23**
CyberScan pH 110	pH/ORP/°C/°F	-2.00 to 16.00 pH	±0.01 pH	6	USA, NIST, DIN, PWB	–	100	Yes	IP54	RS232C	**Pg 24**
CyberScan pH 11	pH/ORP/°C	-2.00 to 16.00 pH	±0.01 pH	5	USA, NIST	–	50	Yes	IP54	–	**Pg 24**
Ion 6+	Ion/pH/ORP/°C	0.00 to 14.00 pH	±0.01 pH	3	USA, NIST, PWB	–	–	Yes	IP54	–	**Pg 25**
pH 6+	pH/ORP/°C	0.00 to 14.00 pH	±0.01 pH	3	USA, NIST, PWB	–	–	Yes	IP54	–	**Pg 25**
pH 5+	pH/°C	0.00 to 14.00 pH	±0.01 pH	3	USA, NIST, PWB	–	–	Yes	IP54	–	**Pg 25**
Bench Meters											
CyberScan PCD 6500	pH/ORP/Ion/ Conductivity/TDS/ Salinity/Resistivity/ Dissolved Oxygen/ BOD/OUR/SOUR/°C/°F	-2.000 to 20.00 pH	±0.002 pH	5	USA, NIST, Euro, Custom	Yes	1000 per parameter	Yes	–	Internet/intranet, RS232C, USB, IrDA, SD card	**Pg 79**
CyberScan PC 6500	pH/ORP/Ion/ Conductivity/TDS/ Salinity/Resistivity/°C/°F	-2.000 to 20.00 pH	±0.002 pH	5	USA, NIST, Euro, Custom	Yes	1000 per parameter	Yes	–	Internet/intranet, RS232C, USB, IrDA, SD card	**Pg 80**
CyberScan PC 6000	pH/ORP/Conductivity/ TDS/Salinity/ Resistivity/°C/°F	-2.000 to 20.00 pH	±0.002 pH	5	USA, NIST, Euro, Custom	Yes	1000 per parameter	Yes	–	Internet/intranet, RS232C, USB, IrDA, SD card	**Pg 80**
PC 2700	pH/ORP/Ion/ Conductivity/TDS/ Salinity/Resistivity/°C/°F	-1.999 to 19.999 pH	±0.002 pH	6	USA, NIST, Euro, Custom	Yes	500	Yes	–	RS232C	**Pg 81**
PC 700	pH/ORP/Conductivity/ TDS/°C/°F	-2.00 to 16.00 pH	±0.01 pH	5	USA, NIST	–	100	Yes	–	–	**Pg 82**
CyberScan pH 6500	pH/ORP/Ion/°C/°F	-2.000 to 20.000 pH	±0.002 pH	5	USA, NIST, Euro, Custom	Yes	1000 per parameter	Yes	–	Internet/intranet, RS232C, USB, IrDA, SD card	**Pg 28**
CyberScan pH 6000	pH/ORP/°C/°F	-2.000 to 20.000 pH	±0.002 pH	5	USA, NIST, Euro, Custom	Yes	1000 per parameter	Yes	–	Internet/intranet, RS232C, USB, IrDA, SD card	**Pg 28**
Ion 2700	pH/ORP/Ion/°C/°F	-1.999 to 19.999 pH	±0.002 pH + 1 LSD	6	USA, NIST, DIN, User 1, User 2, Custom	Yes	500	Yes	–	RS232C	**Pg 29**
pH 2700	pH/ORP/°C/°F	-1.999 to 19.999 pH	±0.002 pH + 1 LSD	6	USA, NIST, Custom	Yes	500	Yes	–	RS232C	**Pg 30**
Ion 700	pH/ORP/Ion/°C/°F	-2.00 to 16.00 pH	±0.01 pH + 1 LSD	5	USA, NIST	–	100	Yes	–	–	**Pg 31**
pH 700	pH/ORP/°C/°F	-2.00 to 16.00 pH	±0.01 pH + 1 LSD	5	USA, NIST	–	100	Yes	–	–	**Pg 32**



Conductivity Meter Quick Guide

Models	Parameters	Conductivity Range	Accuracy	Cal. Points	GLP	Memory	Temperature Display	Housing Rating	Communication	Page No.
Pocket Testers										
PCSTestr 35	pH/Conductivity/TDS/ Salinity/°C/°F	.. to 200.0 µS 200 to 2000 µS 2.00 to 20.00 mS	±1 % full scale	3 auto 3 manual	–	–	Yes	IP67	–	**Pg 70**
PCTestr 35	pH/Conductivity/°C/°F	.. to 2000 µS 2.00 to 20.00 mS	±1 % full scale	2 auto 2 manual	–	–	Yes	IP67	–	**Pg 70**
ECTestr 11+	Conductivity/°C/°F	.. to 200.0 µS .. to 2000 µS .. to 20.00 mS	±1 % full scale	3 auto 3 manual	–	–	Yes	IP67	–	**Pg 38**
ECTestr 11	Conductivity/°C/°F	.. to 2000 µS .. to 20.00 mS	±1 % full scale	2 auto 2 manual	–	–	Yes	IP67	–	**Pg 38**
EcoTestr EC High	Conductivity	.. to 19.90 mS	±1 % full scale (±2 % above 10 mS)	1	–	–	–	IP67	–	**Pg 40**
EcoTestr EC Low	Conductivity	.. to 1990 µS	±1 % full scale	1	–	–	–	IP67	–	**Pg 40**
Handheld Meters										
CyberScan PCD 650	pH/ORP/Ion/ Conductivity/TDS/ Salinity/Resistivity/ Dissolved Oxygen/°C/°F	.. to 2.000 µS 2.000 to 300.0 µS 300.0 µS to 4.000 mS 4.000 to 40.00 mS 40.00 to 500.0 mS	±1 % full scale + 1 LSD	4 auto 5 manual	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 72**
CyberScan PC 650	pH/ORP/Ion/ Conductivity/TDS/ Salinity/Resistivity/°C/°F	.. to 2.000 µS 2.000 to 300.0 µS 300.0 µS to 4.000 mS 4.000 to 40.00 mS 40.00 to 500.0 mS	±1 % full scale + 1 LSD	4 auto 5 manual	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 73**
CyberScan CD 650	Conductivity/TDS/ Salinity/Resistivity/ Dissolved Oxygen/°C/°F	.. to 2.000 µS 2.000 to 300.0 µS 300.0 µS to 4.000 mS 4.000 to 40.00 mS 40.00 to 500.0 mS	±1 % full scale + 1 LSD	4 auto 5 manual	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 73**
CyberScan COND 610	Conductivity/TDS/ Salinity/Resistivity/°C/°F	.. to 2.000 µS 2.000 to 300.0 µS 300.0 µS to 4.000 mS 4.000 to 40.00 mS 40.00 to 500.0 mS	±1 % full scale	4 auto 5 manual	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 43**
CyberScan COND 600	Conductivity/TDS/°C/°F	.. to 2.000 µS 2.000 to 300.0 µS 300.0 µS to 4.000 mS 4.000 to 40.00 mS 40.00 to 200.0 mS	±1 % full scale	4 auto 5 manual	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 43**
CyberScan CON 400	Conductivity/TDS/°C/°F	.. to 199.9 mS	±1 % full scale	5	Yes	50	Yes	IP67	–	**Pg 44**
CyberScan CON 110	Conductivity/TDS/°C/°F	.. to 199.9 mS	±1 % full scale	4 auto 5 manual	–	100	Yes	IP54	RS232C	**Pg 45**
CyberScan CON 11	Conductivity/TDS/°C	.. to 199.9 mS	±1 % full scale	4 auto 5 manual	–	50	Yes	IP54	–	**Pg 45**
COND 6+	Conductivity/°C	.. to 199.9 mS	±1 % full scale	4 auto 5 manual	–	–	Yes	IP54	–	**Pg 46**
Bench Meters										
CyberScan PCD 6500	pH/ORP/Ion/Conductivity/ TDS/Salinity/Resistivity/ Dissolved Oxygen/BOD/ OUR/SOUR/°C/°F	.. to 500 mS	0.5 % full scale + LSD	5	Yes	1000 per parameter	Yes	–	Internet/intranet, RS232C, USB, IrDA, SD card	**Pg 79**
CyberScan PC 6500	pH/ORP/Ion/ Conductivity/TDS/ Salinity/Resistivity/°C/°F	.. to 500 mS	0.5 % full scale + LSD	5	Yes	1000 per parameter	Yes	–	Internet/intranet, RS232C, USB, IrDA, SD card	**Pg 80**
CyberScan PC 6000	pH/ORP/Conductivity/ TDS/ Salinity/Resistivity/ °C/°F	.. to 500 mS	0.5 % full scale + LSD	5	Yes	1000 per parameter	Yes	–	Internet/intranet, RS232C, USB, IrDA, SD card	**Pg 80**
PC 2700	pH/ORP/Ion/ Conductivity/TDS/ Salinity/Resistivity/°C/°F	0.050 µS to 500.0 mS	±1 % full scale	5	Yes	500	Yes	–	RS232C	**Pg 81**
PC 700	pH/ORP/Conductivity/ TDS/°C/°F	0.0 µS to 200.0 mS	±1 % full scale	5	–	100	Yes	–	–	**Pg 82**
CyberScan CON 6000	Conductivity/TDS/ Salinity/Resistivity/°C/°F	.. to 500 mS	0.5 % full scale + LSD	5	Yes	1000 per parameter	Yes	–	Internet/intranet, RS232C, USB, IrDA, SD card	**Pg 50**
CON 2700	Conductivity/TDS/ Salinity/Resistivity/°C/°F	0.050 µS to 500.0 mS	±1 % full scale	5	Yes	500	Yes	–	RS232C	**Pg 51**
CON 700	Conductivity/TDS/°C/°F	.. µS to 200.0 mS	±1 % full scale	5	–	100	Yes	–	–	**Pg 52**



Total Dissolved Solids Meter Quick Guide

Models	Parameters	TDS Range	Accuracy	Cal. Points	GLP	Memory	Temperature Display	Housing Rating	Communication	Page No.
Pocket Testers										
PTTestr 35	pH/TDS/°C/°F	100 to 1000 ppm 1.00 to 10.00 ppt	±1 % full scale	2 manual	–	–	Yes	IP67	–	**Pg 70**
TDSTestr 11+	TDS/°C/°F	.. to 200.0 ppm .. to 2000 ppm .. to 10.00 ppt	±1 % full scale	2	–	–	Yes	IP67	–	**Pg 38**
TDSTestr 11	TDS/°C/°F	.. to 2000 ppm .. to 10.00 ppt	±1 % full scale	3	–	–	Yes	IP67	–	**Pg 38**
EcoTestr TDS High	TDS	.. to 10.00 ppt	±1 % full scale (±2 % above 5 ppt)	1	–	–	–	IP67	–	**Pg 40**
EcoTestr TDS Low	TDS	.. to 1990 ppm	±1 % full scale	1	–	–	–	IP67	–	**Pg 40**
Handheld Meters										
CyberScan PCD 650	pH/ORP/Ion/ Conductivity/TDS/ Salinity/Resistivity/ Dissolved Oxygen/°C/°F	.. to 2.000 ppm 2.000 to 300.0 ppm 300.0 ppm to 4.000 ppt 4.000 to 40.00 ppt 40.00 to 500.0 ppt	±1 % full scale + 1 LSD	5	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 72**
CyberScan PC 650	pH/ORP/Ion/ Conductivity/TDS/ Salinity/Resistivity/°C/°F	.. to 2.000 ppm 2.000 to 300.0 ppm 300.0 ppm to 4.000 ppt 4.000 to 40.00 ppt 40.00 to 500.0 ppt	±1 % full scale + 1 LSD	5	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 73**
CyberScan CD 650	Conductivity/TDS/ Salinity/Resistivity/ Dissolved Oxygen/°C/°F	.. to 2.000 ppm 2.000 to 300.0 ppm 300.0 ppm to 4.000 ppt 4.000 to 40.00 ppt 40.00 to 500.0 ppt	±1 % full scale + 1 LSD	5	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 73**
CyberScan COND 610	Conductivity/TDS/ Salinity/Resistivity/°C/°F	.. to 2.000 ppm 2.000 to 300.0 ppm 300.0 ppm to 4.000 ppt 4.000 to 40.00 ppt 40.00 to 500.0 ppt	±1 % full scale	5	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 43**
CyberScan COND 600	Conductivity/TDS/°C/°F	.. to 2.000 ppm 2.000 to 300.0 ppm 300.0 ppm to 4.000 ppt 4.000 to 40.00 ppt 40.00 to 200.0 ppt	±1 % full scale	5	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 43**
CyberScan CON 400	Conductivity/TDS/°C/°F	.. to 199.9 ppt *	±1 % full scale	5	Yes	50	Yes	IP67	–	**Pg 44**
CyberScan CON 110	Conductivity/TDS/°C/°F	.. to 199.9 ppt *	±1 % full scale	5	–	100	Yes	IP54	RS232C	**Pg 45**
CyberScan CON 11	Conductivity/TDS/°C	.. to 199.9 ppt *	±1 % full scale	5	–	50	Yes	IP54	–	**Pg 45**
TDS 6+	TDS/°C	.. to 199.9 ppt *	±1 % full scale	5	–	–	Yes	IP54	–	**Pg 46**
Bench Meters										
CyberScan PCD 6500	pH/ORP/Ion/ Conductivity/TDS/ Salinity/Resistivity/ Dissolved Oxygen/BOD/ OUR/SOUR/°C/°F	.. to 500 ppt	0.5 % full scale + LSD	5	Yes	1000 per parameter	Yes	–	Internet/intranet, RS232C, USB, IrDA, SD card	**Pg 79**
CyberScan PC 6500	pH/ORP/Ion/ Conductivity/TDS/ Salinity/Resistivity/°C/°F	.. to 500 ppt	0.5 % full scale + LSD	5	Yes	1000 per parameter	Yes	–	Internet/intranet, RS232C, USB, IrDA, SD card	**Pg 80**
CyberScan PC 6000	pH/ORP/Conductivity/ TDS/Salinity/Resistivity/ °C/°F	.. to 500 ppt	0.5 % full scale + LSD	5	Yes	1000 per parameter	Yes	–	Internet/intranet, RS232C, USB, IrDA, SD card	**Pg 80**
PC 2700	pH/ORP/Ion/ Conductivity/TDS/ Salinity/Resistivity/°C/°F	0.050 ppm to 500 ppt (@TDS factor 1.00)	±1 % full scale	5	Yes	500	Yes	–	RS232	**Pg 81**
PC 700	pH/ORP/Conductivity/ TDS/Resistivity/°C/°F	.. to 100.0 ppt @ 0.5 fact (200.0 @ 1 factor)	±1 % full scale	5	–	100	Yes	–	–	**Pg 82**
CyberScan CON 6000	Conductivity/TDS/ Salinity/Resistivity/°C/°F	.. to 500 ppt	0.5 % full scale + LSD	5	Yes	1000 per parameter	Yes	–	Internet/intranet, RS232C, USB, IrDA, SD card	**Pg 50**
CON 2700	Conductivity/TDS/ Salinity/Resistivity/°C/°F	0.050 ppm to 500 ppt (@TDS factor 1.00)	±1 % full scale	5	–	100	Yes	–	RS232C	**Pg 51**
CON 700	Conductivity/TDS/°C/°F	.. to 100.0 ppt @ 0.5 fact (200.0 @ 1 factor)	±1 % full scale	5	–	50	Yes	–	–	**Pg 52**

** Maximum 199.9 ppt depending on factor setting ** Maximum 500 ppt depending on factor setting*



Salinity Meter Quick Guide

Models	Parameters	Salinity Range	Accuracy	Cal. Points	GLP	Memory	Temperature Display	Housing Rating	Communication	Page No.
Pocket Testers										
PCSTestr 35	pH/Conductivity/TDS/ Salinity/°C/°F	0.0 to 99.9 ppm 100 to 999 ppm 1.00 to 10.00 ppt 0.0 to 1.00 %	±1 % full scale *	1 (manual above 1.00 ppt)	–	–	Yes	IP67	–	**Pg 70**
SaltTestr 11	Salinity/°C/°F	.. to 10.00 ppt	±1 % full scale	1 (manual)	–	–	Yes	IP67	–	**Pg 39**
EcoTestr Salt	Salinity	.. to 10.00 ppt	±1 % full scale (±2 % above 5 ppt)	1	–	–	–	IP67	–	**Pg 40**
Handheld Meters										
CyberScan PCD 650	pH/ORP/Ion/ Conductivity/TDS/ Salinity/Resistivity/ Dissolved Oxygen/°C/°F	.. to 0.770 ppm 0.770 to 143.3 ppm 143.3 ppm to 2.138 ppt 2.183 to 23.64 ppt 23.64 to 80.00 ppt	±1 % full scale + 1 LSD	5	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 72**
CyberScan PC 650	pH/ORP/Ion/ Conductivity/TDS/ Salinity/Resistivity/°C/°F	.. to 0.770 ppm 0.770 to 143.3 ppm 143.3 ppm to 2.138 ppt 2.183 to 23.64 ppt 23.64 to 80.00 ppt	±1 % full scale + 1 LSD	5	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 73**
CyberScan CD 650	Conductivity/TDS/ Salinity/Resistivity/ Dissolved Oxygen/°C/°F	.. to 0.770 ppm 0.770 to 143.3 ppm 143.3 ppm to 2.138 ppt 2.183 to 23.64 ppt 23.64 to 80.00 ppt	±1 % full scale + 1 LSD	5	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 73**
CyberScan COND 610	Conductivity/TDS/ Salinity/Resistivity/°C/°F	.. to 0.770 ppm 0.770 to 143.3 ppm 143.3 ppm to 2.138 ppt 2.183 to 23.64 ppt 23.64 to 80.00 ppt	±1 % full scale + 1 LSD	5	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 43**
Salt 6+	Salinity/°C	1.0 to 50.00 ppt 0.1 to 5.00 %	±1 % full scale	1 (manual)	–	–	Yes	IP54	–	**Pg 47**
Bench Meters										
CyberScan PCD 6500	pH/ORP/Ion/ Conductivity/TDS/ Salinity/Resistivity/ Dissolved Oxygen/°C/°F	.. to 0.094 ppt 0.094 to 1.000 ppt 1.0 to 11.50 ppt 11.50 to 90.00 ppt	0.5 % full scale + LSD	5	Yes	1000 per parameter	Yes	–	Internet/I intranet, RS232C, USB, IrDA, SD card	**Pg 79**
CyberScan PC 6500	pH/ORP/Ion/ Conductivity/TDS/ Salinity/Resistivity/°C/°F	.. to 0.094 ppt 0.094 to 1.000 ppt 1.0 to 11.50 ppt 11.50 to 90.00 ppt	0.5 % full scale + LSD	5	Yes	1000 per parameter	Yes	–	Internet/I intranet, RS232C, USB, IrDA, SD card	**Pg 80**
CyberScan PC 6000	pH/ORP/Conductivity/ TDS/Salinity/Resistivity/ °C/°F	.. to 0.094 ppt 0.094 to 1.000 ppt 1.0 to 11.50 ppt 11.50 to 90.00 ppt	0.5 % full scale + LSD	5	Yes	1000 per parameter	Yes	–	Internet/I intranet, RS232C, USB, IrDA, SD card	**Pg 80**
PC 2700	pH/ORP/Ion/ Conductivity/TDS/ Salinity/Resistivity/°C/°F	0.0 to 80.0 ppt	±1 % full scale	5	Yes	500	Yes	–	RS232	**Pg 81**
CyberScan CON 6000	Conductivity/TDS/ Salinity/Resistivity/°C/°F	.. to 0.094 ppt 0.094 to 1.000 ppt 1.0 to 11.50 ppt 11.50 to 90.00 ppt	0.5 % full scale + LSD	5	Yes	1000 per parameter	Yes	–	Internet/I intranet, RS232C, USB, IrDA, SD card	**Pg 50**
CON 2700	Conductivity/TDS/ Salinity/Resistivity/°C/°F	0 to 80.0 ppt	±1 % full scale	5	Yes	500	Yes	–	RS232	**Pg 51**

** Applicable from 100 ppm to 10.00 ppt / 0.0 to 1.00 %*



Dissolved Oxygen Meter Quick Guide

Models	Parameters	DO Range	Accuracy	Cal. Points	GLP	Memory	Barometric / Salinity Compensation	Housing Rating	Communication	Page No.
Handheld Meters										
CyberScan PCD 650	pH/ORP/Ion/ Conductivity/TDS/ Salinity/Resistivity/ Dissolved Oxygen/°C/°F	0 to 600 %, 0.00 to 90.00 mg/L or ppm	±2.0 %, ±0.2 mg/L	1 (mg/L)	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 72**
CyberScan PD 650	pH/ORP/Ion/Dissolved Oxygen/°C/°F	0 to 600 %, 0.00 to 90.00 mg/L or ppm	±2.0 %, ±0.2 mg/L	1 (mg/L)	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 73**
CyberScan CD 650	Conductivity/TDS/ Salinity/Resistivity/ Dissolved Oxygen/°C/°F	0 to 600 %, 0.00 to 90.00 mg/L or ppm	±2.0 %, ±0.2 mg/L	1 (mg/L)	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 73**
CyberScan DO 600	Dissolved Oxygen/°C/°F	0 to 600 %, 0 to 90 mg/L or ppm	±2.0 %, ±0.2 mg/L	2 (0 %, 100 %) 1 (mg/L)	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 58**
CyberScan DO 300	Dissolved Oxygen/°C/°F	0 to 199.9 %, 0 to 19.99 mg/L	±1.5 % full scale	2 (0 %, 100 %) 1 (mg/L)	Yes	50	Yes	IP67	–	**Pg 59**
CyberScan DO 110	Dissolved Oxygen/°C/°F	0 to 199.9 %, 0 to 19.99 mg/L	±1.5 % full scale	2 (0 %, 100 %) 1 (mg/L)	–	100	Yes	IP54	RS232C	**Pg 60**
DO 6+	Dissolved Oxygen/°C	0 to 199.9 %, 0 to 19.99 mg/L	±1.5 % full scale	2 (0 %, 100 %) 1 (mg/L)	–	–	Yes	IP54	–	**Pg 61**
Bench Meters										
CyberScan PCD 6500	pH/ORP/Ion/ Conductivity/TDS/ Salinity/Resistivity/ Dissolved Oxygen/ BOD/OUR/SOUR/°C/°F	0 to 600 %, 0 to 60 mg/L 0 to 1272 mbar	0.1 % 0.1 +1 LSD 0.1 mbar	2 (0 %, 100 %) 2 (0 mg/L, 8.26 mg/L)	Yes	1000 per parameter	Yes	–	Internet/intranet, RS232C, USB, IrDA, SD card	**Pg 79**
CyberScan DO 6000	Dissolved Oxygen/BOD/ OUR/SOUR/°C/°F	0 to 600 %, 0 to 60 mg/L 0 to 1272 mbar	0.1 % 0.1 +1 LSD 0.1 mbar	2 (0 %, 100 %) 2 (0 mg/L, 8.26 mg/L)	Yes	1000 per parameter	Yes	–	Internet/intranet, RS232C, USB, IrDA, SD card	**Pg 64**
DO 2700	Dissolved Oxygen/ BOD/°C/°F	0 to 600.0 %, 0.00 to 50.00 mg/L	±0.5 % full scale	2	Yes	500	Yes	–	RS232C	**Pg 65**
DO 700	Dissolved Oxygen/°C/°F	0 to 199.9 %; 300 %, 0 to 30 mg/L	±0.5 % full scale	2	–	100	Yes	–	–	**Pg 66**



Multi-Parameter Meter Quick Guide

Models	Parameters	Range	Accuracy	Cal. Points	GLP	Memory	Temperature Display	Housing Rating	Communication	Page No.
Pocket Testers										
PCSTestr 35	pH	0.00 to 14.00 pH	±0.01 pH	5 auto	–	–	Yes	IP67	–	**Pg 70**
	Conductivity	.. to 200.0 µS ; 200 to 2000 µS ; 2.00 to 20.00 mS	± 1 % full scale	3 auto 3 manual						
	TDS	0.0 to 99.9 ppm ; 100 to 999 ppm ; 1.00 to 10.00 ppt	± 1 % full scale	3 manual						
	Salinity	0.0 to 99.9 ppm ; 100 to 999 ppm ; 1.00 to 10.00 ppt ; 0.0 to 1.00 %	± 1 % full scale *	1 (manual above 1.00 ppt)						
	Temperature	0 to 50.0 °C ; 32 to 122 °F	0.5 °C ; 0.9 °F	–						
PCTestr 35	pH	0.0 to 14.0 pH	±0.01 pH	5 auto	–	–	Yes	IP67	–	**Pg 70**
	Conductivity	.. to 2000 µS ; 2.00 to 20.00 mS	± 1 % full scale	2 auto 2 manual						
	Temperature	0 to 50.0 °C ; 32 to 122 °F	0.5 °C ; 0.9 °F	–						
PTTestr 35	pH	0.0 to 14.0 pH	±0.01 pH	5 auto	–	–	Yes	IP67	–	**Pg 70**
	TDS	0 to 999 ppm ; 1.00 to 10.00 ppt	± 1 % full scale	2 manual						
	Temperature	0 to 50.0 °C ; 32 to 122 °F	0.5 °C ; 0.9 °F	–						
Handheld Meters										
CyberScan PCD 650	pH	-2.000 to 20.000 pH	±0.002 pH	6	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 72**
	ORP	±2000.0 mV	±0.2 mV	–						
	Ion	0.001 to 19900	0.5 % full scale (monovalent) 1 % full scale (divalent)	8						
	Conductivity	.. to 2.000 µS ; 2.000 to 300.0 µS ; 300.0 µS to 4.000 mS ; 4.000 to 40.00 mS ; 40.00 to 500.0 mS	±1 % full scale + 1 LSD	4 auto 5 manual						
	TDS	.. to 2.000 ppm ; 2.000 to 300.0 ppm ; 300.0 ppm to 4.000 ppt ; 4.000 to 40.00 ppt ; 40.00 to 500.0 ppt	±1 % full scale + 1 LSD	5						
	Salinity	.. to 0.770 ppm ; 0.770 to 143.3 ppm ; 143.3 ppm to 2.138 ppt ; 2.183 to 23.64 ppt ; 23.64 to 80.00 ppt	±1 % full scale + 1 LSD	5						
	Resistivity	2.00 to 25.00 Ω ; 25.00 to 250.0 Ω ; 250.0 Ω to 3.333 kΩ ; 3.333 to 500.0 kΩ ; 500.0 kΩ to 20.00 MΩ	±1 % full scale	5						
	Dissolved Oxygen	0.00 to 90.00 mg/L or ppm ; 0 to 600.0 %	±0.2 mg/L ±2.0 %	1						
	Temperature	-10.0 to 110.0 °C ; 14.0 to 230.0 °F	±0.5 °C ; ±0.9 °F	–						
CyberScan PC 650	pH	-2.000 to 20.000 pH	±0.002 pH	6	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 73**
	ORP	±2000.0 mV	±0.2 mV	–						
	Ion	0.001 to 19900	0.5 % full scale (monovalent) 1 % full scale (divalent)	8						
	Conductivity	.. to 2.000 µS ; 2.000 to 300.0 µS ; 300.0 µS to 4.000 mS ; 4.000 to 40.00 mS ; 40.00 to 500.0 mS	±1 % full scale + 1 LSD	4 auto 5 manual						
	TDS	.. to 2.000 ppm ; 2.000 to 300.0 ppm ; 300.0 ppm to 4.000 ppt ; 4.000 to 40.00 ppt ; 40.00 to 500.0 ppt	±1 % full scale + 1 LSD	5						
	Salinity	.. to 0.770 ppm ; 0.770 to 143.3 ppm ; 143.3 ppm to 2.138 ppt ; 2.183 to 23.64 ppt ; 23.64 to 80.00 ppt	±1 % full scale + 1 LSD	5						
	Resistivity	2.00 to 25.00 Ω ; 25.00 to 250.0 Ω ; 250.0 Ω to 3.333 kΩ ; 3.333 to 500.0 kΩ ; 500.0 kΩ to 20.00 MΩ	±1 % full scale	5						
	Temperature	-10.0 to 110.0 °C ; 14.0 to 230.0 °F	±0.5 °C ; ±0.9 °F	–						

** Applicable from 100 ppm to 10.00 ppt / 0.0 to 1.00 %*

[Continued on page 10]



Multi-Parameter Meter Quick Guide

[Continued from page 09]

Models	Parameters	Range	Accuracy	Cal. Points	GLP	Memory	Temperature Display	Housing Rating	Communication	Page No.
Handheld Meters										
CyberScan PD 650	pH	-2.000 to 20.000 pH	±0.002 pH	6	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 73**
	ORP	±2000.0 mV	±0.2 mV	–						
	Ion	0.001 to 19900	0.5 % full scale (monovalent) 1 % full scale (divalent)	8						
	Dissolved Oxygen	0.00 to 90.00 mg/L or ppm 0 to 600.0 %	±0.2 mg/L ±2.0 %	1						
	Temperature	-10.0 to 110.0 ºC ; 14.0 to 230.0 ºF	±0.5 ºC ; ±0.9 ºF	–						
CyberScan CD 650	Conductivity	.. to 2.000 µS 2.000 to 300.0 µS 300.0 µS to 4.000 mS 4.000 to 40.00 mS 40.00 to 500.0 mS	±1 % full scale + 1 LSD	4 auto 5 manual	Yes	500	Yes	IP67	LED RS232C, IrDA	**Pg 73**
	TDS	.. to 2.000 ppm 2.000 to 300.0 ppm 300.0 ppm to 4.000 ppt 4.000 to 40.00 ppt 40.00 to 500.0 ppt	±1 % full scale + 1 LSD	5						
	Salinity	.. to 0.770 ppm 0.770 to 143.3 ppm 143.3 ppm to 2.138 ppt 2.183 to 23.64 ppt 23.64 to 80.00 ppt	±1 % full scale + 1 LSD	5						
	Resistivity	2.00 to 25.00 Ω 25.00 to 250.0 Ω 250.0 Ω to 3.333 kΩ 3.333 to 500.0 kΩ 500.0 kΩ to 20.00 MΩ	±1 % full scale	5						
	Dissolved Oxygen	0.00 to 90.00 mg/L or ppm 0 to 600.0 %	±0.2 mg/L ±2.0 %	1						
	Temperature	-10.0 to 110.0 ºC ; 14.0 to 230.0 ºF	±0.5 ºC ; ±0.9 ºF	–						
Bench Meters										
CyberScan PCD 6500	pH	-2.000 to 20.000 pH	±0.002 pH	5	Yes	1000 per parameter	Yes	–	Internet, intranet, RS232C, USB, IrDA, SD card	**Pg 79**
	ORP	±2000.0 mV	±0.2 mV	–						
	Ion	1 x 10^{-7} to 9.99 x 10^{10} ppm	±0.17 n %	5						
	Conductivity	.. to 200 µS 200.0 µS to 2.000 mS 2.000 to 20.00 mS 20.00 to 500.0 mS	0.5 % full scale + LSD	5						
	TDS	.. to 200 ppm 200.0 to 2000 ppm 2.000 to 20.00 ppt 20.00 to 500.0 ppt	0.5 % full scale + LSD	5						
	Salinity	.. to 0.094 ppt 0.094 to 1.000 ppt 1.0 to 11.50 ppt 11.50 to 90.00 ppt	0.5 % full scale + LSD	5						
	Resistivity	0 to 20.00 kΩ 20.00 to 200.0 kΩ 200.0 kΩ to 2.000 MΩ 2.000 to 100.0 MΩ	0.5 % full scale + LSD	5						
	Dissolved Oxygen	0 to 600 % 0 to 60 mg/L 0 to 1272 mbar	0.1 % 0.1 + 1 LSD 0.1 mbar	2(0 %, 100 %) 2(0 mg/L, 8.26 mg/L)						
	Temperature	-5.0 to 105.0 ºC	±0.2 ºC	–						

[Continued on page 11]



Multi-Parameter Meter Quick Guide

[Continued from page 10]

Models	Parameters	Range	Accuracy	Cal. Points	GLP	Memory	Temperature Display	Housing Rating	Communication	Page No.
Bench Meters										
CyberScan PC 6500	pH	-2.000 to 20.000 pH	±0.002 pH	5	Yes	1000 per parameter	Yes	–	Internet, intranet, RS232C, USB, IrDA, SD card	**Pg 80**
	ORP	±2000.0 mV	±0.2 mV	1						
	Ion	1 x 10^{-7} to 9.99 x 10^{10} ppm	±0.17 n %	5						
	Conductivity	.. to 200 µS 200.0 µS to 2.000 mS 2.000 to 20.00 mS 20.00 to 500.0 mS	0.5 % full scale + LSD	5						
	TDS	.. to 200 ppm 200.0 to 2000 ppm 2.000 to 20.00 ppt 20.00 to 500.0 ppt	0.5 % full scale + LSD	5						
	Salinity	.. to 0.094 ppt 0.094 to 1.000 ppt 1.0 to 11.50 ppt 11.50 to 90.00 ppt	0.5 % full scale + LSD	5						
	Resistivity	0 to 20.00 kΩ 20.00 to 200.0 kΩ 200.0 kΩ to 2.000 MΩ 2.000 to 100.0 MΩ	0.5 % full scale + LSD	5						
	Temperature	-5.0 to 105.0 °C	±0.2 °C	1						
CyberScan PC 6000	pH	-2.000 to 20.000 pH	±0.002 pH	5	Yes	1000 per parameter	Yes	–	Internet, intranet, RS232C, USB, IrDA, SD card	**Pg 80**
	ORP	±2000.0 mV	±0.2 mV	1						
	Conductivity	.. to 200 µS 200.0 µS to 2.000 mS 2.000 to 20.00 mS 20.00 to 500.0 mS	0.5 % full scale + LSD	5						
	TDS	.. to 200 ppm 200.0 to 2000 ppm 2.000 to 20.00 ppt 20.00 to 500.0 ppt	0.5 % full scale + LSD	5						
	Salinity	.. to 0.094 ppt 0.094 to 1.000 ppt 1.0 to 11.50 ppt 11.50 to 90.00 ppt	0.5 % full scale + LSD	5						
	Resistivity	0 to 20.00 kΩ 20.00 to 200.0 kΩ 200.0 kΩ to 2.000 MΩ 2.000 to 100.0 MΩ	0.5 % full scale + LSD	5						
	Temperature	-5.0 to 105.0 °C	±0.2 °C	1						
PC 2700	pH	-2.000 to 20.000 pH	±0.002 pH	6	Yes	500	Yes	–	RS232	**Pg 81**
	ORP	±2000.0 mV	0.1 mV	1						
	Ion	0.001 to 19999	0.5 % full scale (monovalent) 1 % full scale (divalent)	2 to 8						
	Conductivity	0.050 µS to 500.0 mS	±1 % full scale	5						
	TDS	0.050 mg/L to 500.0 g/L	±1 % full scale	5						
	Salinity	0.0 to 80.0 ppt	±1 % full scale	5						
	Resistivity	2.000 Ω to 20.0 MΩ	±1 % full scale	5						
	Temperature	0.0 to 100.0 °C ; 32.0 to 212.0 °F	±0.3 °C ; ±0.5 °F	1						
PC 700	pH	-2.00 to 16.00 pH	±0.01 pH + 1 LSD	5	–	100	Yes	–	–	**Pg 82**
	ORP	±2000 mV	±0.2 mV (±199.9 mV) ±2 mV (beyond)	1						
	Conductivity	0.0 µS to 200.0 mS	±1 % full scale	5						
	TDS	.. to 100.0 ppt @ 0.5 fact (200.0 @ 1 factor)	±1 % full scale	5						
	Temperature	0.0 to 100.0 °C ; 32.0 to 212.0 °F	±0.5 °C ; ±0.9 °F	1						



Colorimeter Quick Guide

Parameters	Range	Resolution	Accuracy	C401	C301	C201	C105	C103	Page No.
Chlorine, Free and Total	0 - 1.99 ppm	0.01 ppm	±0.02 ppm	✓	✓	✓	–	–	Pg 89
	2.0 - 6.0 ppm	0.1 ppm	±0.2 ppm						
Cyanuric Acid	5 - 90 ppm	1 ppm	±4 ppm	✓	–	–	–	–	
pH	5.9 - 8.2 pH	0.1 pH	±0.1 pH	✓	✓	–	–	–	
Chlorine Dioxide	0 - 3.79 ppm	0.01 ppm	±0.02 ppm	–	–	–	–	✓	
	3.8 - 11.4 ppm	0.1 ppm	±0.2 ppm						
Ozone	0 - 1.39 ppm	0.01 ppm	±0.02 ppm	–	–	–	✓	–	
	1.4 - 4.1 ppm	0.1 ppm	±0.2 ppm						



Look for these features in Eutech meters

CE	CE-certified products	ATC	Automatic Temperature Compensation automatically corrects the measured value based on the temperature of the solution with the use of a built-in temperature sensor
IP67	IP67-rated housing offers complete protection against dust and allows immersion in water between 15 cm to 1 m	MTC	Manual Temperature Compensation is an alternative method for temperature compensation through the manual input of sample temperature value
IP54	IP54-rated housing protects instrument from dust and water spray from all directions	AUTO-CAL	Automatic Calibration frees users from cumbersome fine adjustment or manual selection of desired standards in Conductivity and Dissolved Oxygen calibration routine
2 Year Meter Warranty	Pocket testers, colorimeters and turbidity meters are covered by Eutech warranty for 2 years	AUTO-BUFFER	Auto-Buffer Recognition identifies and ensures correct pH buffer values are being used during calibration
3 Year Meter Warranty	Handheld meters and bench meters are covered by an extended warranty for 3 years	GLP	Good Laboratory Practices (GLP) refers to regulations that are observed to ensure high quality experimental standards and reliable data
6 Month Warranty	All Eutech electrodes have 6 months warranty	RS232	RS232C cable output for serial communication between meters and PC or other peripheral devices
APC	Automatic Pressure Compensation automatically corrects dissolved oxygen measurements for pressure changes from built-in barometric pressure sensor for most accurate measurements	IrDA	Infrared communications technology for wireless data transfer from meter to PC or other peripheral devices
		USB	USB connectivity for output to PC or other peripheral devices

