



ATS WATER
TECHNOLOGY

SENSORS & CALIBRATING LIQUIDS



SENSORS & CALIBRATION LIQUIDS

04 PH SENSORS



Stock code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg	
421000010150010	ELECTRODE PH 1M SENSOR XS	6 x 19,5 x 6	0,090	
421000010600010	ELECTRODE PH 6M SENSOR XS	6 x 19,5 x 6	0,158	
421000011500010	ELECTRODE PH 15M SENSOR XS	6 x 19,5 x 6	0,290	
421000000100010	ELECTRODE PH 1M E	7 x 23 x 5	0,128	
421000000600010	ELECTRODE PH 6M E	7 x 23 x 5	0,196	
421000001500010	ELECTRODE PH 15M E	7 x 23 x 5	0,290	
421000010600020	ELECTRODE PH 6M LC SENSOR XS	6 x 19,5 x 6	0,158	
421000010100040	ELECTRODE PH 2200 SPEAR TIP 1M SENSOR XS	6 x 19,5 x 6	0,092	
421000010300010	ELECTRODE PH S272CD 3M SENSOR XS	6 x 19,5 x 6	0,255	
421000010600100	ELECTRODE PH S272CD HF 6M SENSOR XS	6 x 19,5 x 6	0,255	
421000050100010	PH A1M-BNC GLASS SENSOR	6 x 19,5 x 6	0,220	
421000050002020	PH A-S8 GLASS SENSOR "**"	6 x 19,5 x 6	0,205	
**" Cable is not available in the product. Bottom line of 1.5 mt and 6 mt cable options are available.				
610204060000007	CABLE SET E COAX SENSOR 58-BNC 1.5 MT	--	--	
610204060000006	CABLE SET E COAX SENSOR 58-BNC 6 MT	--	--	

Model	Measurement range	Minimum Conductivity	Max. Pressure/temperature	Body Specs	Cable Lenght
ELECTRODE PH 1M SENSOR XS	0...14 pH	100 uS	6 Bar(25°C)/80°C	Epoxy/12x150 mm	1 Meter
ELECTRODE PH 6M SENSOR XS	0...14 pH	100 uS	6 Bar(25°C)/80°C	Epoxy/12x150 mm	6 Meter
ELECTRODE PH 15M SENSOR XS	0...14 pH	100 uS	6 Bar(25°C)/80°C	Epoxy/12x150 mm	15 Meter
ELECTRODE PH 1M E	0...14 pH	100 uS	6 Bar(25°C)/60°C	PC/12x150 mm	1 Meter
ELECTRODE PH 6M E	0...14 pH	100 uS	6 Bar(25°C)/60°C	PC/12x150 mm	6 Meter
ELECTRODE PH 15M E	0...14 pH	100 uS	6 Bar(25°C)/80°C	PC/12x150 mm	15 Meter
ELECTRODE PH 6M LC SENSOR XS	0...14 pH	<1 uS	6 Bar(25°C)/80°C	Ultem/12x150 mm	6 Meter
ELECTRODE PH 2200 SPEAR TIP 1M SENSOR XS	0...14 pH	100 uS	6 Bar(25°C)/80°C	Ultem/12x150 mm	1 Meter
ELECTRODE PH S272CD 3M SENSOR XS	0...14 pH	100 uS	7,5 Bar(25°C)/100°C	PPS(Ryton)/ 3/4"NPT	3 Meter
ELECTRODE PH S272CD HF 6M SENSOR XS	0...14 pH	100 uS	7,5 Bar(25°C)/100°C	PPS(Ryton)/ 3/4"NPT	6 Meter
PH A1M-BNC GLASS SENSOR	0...14 pH	100 uS	6 Bar(0°C)/50°C	Glass/12x100 mm	--
PH A-S8 GLASS SENSOR	0...14 pH	100 uS	6 Bar(0°C)/80°C	Glass/12x120 mm	--



SENSORS & CALIBRATION LIQUIDS

ORP SENSORS



Stock code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg	
421000110100030	ELECTRODE ORP 1M SENSOR XS	6 x 19,5 x 6	0,090	
421000110600010	ELECTRODE ORP 6M SENSOR XS	6 x 19,5 x 6	0,158	
421000111500010	ELECTRODE ORP 15M SENSOR XS	6 x 19,5 x 6	0,290	
421000100100010	ELECTRODE ORP 1M E	7 x 23 x 5	0,128	
421000100600010	ELECTRODE ORP 6M E	7 x 23 x 5	0,196	
421000101500010	ELECTRODE ORP 15M E	7 x 23 x 5	0,290	
421000110601020	ELECTRODE ORP S272CD 6M SENSOR XS	6 x 19,5 x 6	0,255	
421000150100010	ORP A1M BNC GLASS SENSOR	6 x 19,5 x 6	0,220	
421000150002010	ORP A-S8 GLASS SENSOR "**"	6 x 19,5 x 6	0,205	
**" Cable is not available in the product. Bottom line of 1.5 mt and 6 mt cable options are available.				
610204060000007	CABLE SET E COAX SENSOR S8-BNC 1.5 MT	--	--	
610204060000006	CABLE SET E COAX SENSOR S8-BNC 6 MT	--	--	

Model	Measurement range	Minimum Conductivity	Max. Pressure/temperature	Body Specs	
ELECTRODE ORP 1M SENSOR XS	-2000 to +2000mV	100 uS	6 Bar(25°C)/80°C	Epoxy/12x150 mm	
ELECTRODE ORP 6M SENSOR XS	-2000 to +2000mV	100 uS	6 Bar(25°C)/80°C	Epoxy/12x150 mm	
ELECTRODE ORP 15M SENSOR XS	-2000 to +2000mV	100 uS	6 Bar(25°C)/80°C	Epoxy/12x150 mm	
ELECTRODE ORP 1M E	-2000 to +2000mV	100 uS	6 Bar(25°C)/60°C	PC/12x150 mm	
ELECTRODE ORP 6M E	-2000 to +2000mV	100 uS	6 Bar(25°C)/60°C	PC/12x150 mm	
ELECTRODE ORP 15M E	-2000 to +2000mV	100 uS	6 Bar(25°C)/60°C	PC/12x150 mm	
ELECTRODE ORP S272CD 6M SENSOR XS	-2000 to +2000mV	100 uS	7,5 Bar(25°C)/100°C	PPS(Ryton)/ 3/4"NPT	
ORP A1M BNC GLASS SENSOR	-2000 to +2000mV	100 uS	6 Bar(0°C)/50°C	Glass/12x100 mm	
ORP A-S8 GLASS SENSOR	-2000 to +2000mV	100 uS	6 Bar(0°C)/80°C	Glass/12x120 mm	--



SENSORS & CALIBRATION LIQUIDS

04 CONDUCTIVITY SENSORS



Stock code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg	
400302000150000	SENSOR CONDUCTIVITY SC110N	9,5 x 23 x 5,5	0,130	
400302000400000	SENSOR CONDUCTIVITY SC125N		0,185	
400302100150000	SENSOR CONDUCTIVITY SC110N HT		0,130	
400302100400000	SENSOR CONDUCTIVITY SC125N HT		0,185	
421000250102020	ELECTRODE CONDUCTIVITY NTCK1 AS1		0,146	
421000250602020	ELECTRODE CONDUCTIVITY NTCK1 AS6		0,300	
421000250602010	ELECTRODE CONDUCTIVITY NTCK01 AS6		0,300	
421000250101050	ELECTRODE CONDUCTIVITY GRAPHITE 2CELL PT1000K1 AS1		0,140	
421000250601040	ELECTRODE CONDUCTIVITY GRAPHITE 2CELL PT1000K1 AS6		0,195	
421000250101040	ELECTRODE CONDUCTIVITY GRAPHITE 4CELL PT100K0,45 AS1		0,155	
421000210501010	ELECTRODE CONDUCTIVITY CS676HTTC K:1 SENSOR X5	15 x 25 x 6	0,760	

Model	Measurement range	Cell Constant	Temperature Compensation	Max. Pressure Temperature	Body	Cable Length
SENSOR CONDUCTIVITY SC110N	0 - 20.000 uS	K=1 +/- 10%	NTC 10K	6 Bar(25°C)/50°C	PP	1,5 Meter
SENSOR CONDUCTIVITY SC125N	0 - 20.000 uS	K=1 +/- 10%	NTC 10K	6 Bar(25°C)/50°C	PP	4 Meter
SENSOR CONDUCTIVITY SC110N HT	0 - 20.000 uS	K=1 +/- 10%	PT 100	6 Bar(25°C)/100°C	PPO	1,5 Meter
SENSOR CONDUCTIVITY SC125N HT	0 - 20.000 uS	K=1 +/- 10%	PT 100	6 Bar(25°C)/100°C	PPO	4 Meter
ELECTRODE CONDUCTIVITY NTCK1 AS1	0 - 20.000 uS	K=1 +/- 10%	NTC 10K	6 Bar(25°C)/80°C	Epoxy	1 Meter
ELECTRODE CONDUCTIVITY NTCK1 AS6	0 - 20.000 uS	K=1 +/- 10%	NTC 10K	6 Bar(25°C)/80°C	Epoxy	6 Meter
ELECTRODE CONDUCTIVITY NTCK01 AS6	0 - 200 uS	K=0.1 +/- 10%	NTC 10K	6 Bar(25°C)/80°C	Epoxy	6 Meter
ELECTRODE CONDUCTIVITY GRAPHITE 2CELL PT1000K1 AS1	0 - 20.000 uS	K=1 +/- 10%	PT 1000	6 Bar(25°C)/80°C	Epoxy	1 Meter
ELECTRODE CONDUCTIVITY GRAPHITE 2CELL PT1000K1 AS6	0 - 20.000 uS	K=1 +/- 10%	PT 1000	6 Bar(25°C)/80°C	Epoxy	6 Meter
ELECTRODE CONDUCTIVITY GRAPHITE 4CELL PT100K0,45 AS1	0 - 10.000 uS	K=0,45 +/- 10%	PT 100	6 Bar(25°C)/80°C	Epoxy	1 Meter
ELECTRODE CONDUCTIVITY CS676HTTC K:1 SENSOR X5	0 - 200.000 uS	K=1 +/- 10%	PT 100	17 Bar(25°C)/200°C	SS316L	6 Meter



SENSORS & CALIBRATION LIQUIDS

ION SELECTIVE SENSORS



Stock code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421000320101010	ELECTRODE FCL/O 2 PPM SELECTIVE	19 x 29 x 7,5	0,520
421000320101020	ELECTRODE FCL/O 5 PPM SELECTIVE		
421000320101030	ELECTRODE FCL/O 200 PPM SELECTIVE		
421000420101010	ELECTRODE TCL/O 5 SELECTIVE		
421000520101020	ELECTRODE CLO2/O 2 PPM SELECTIVE		
421000520101010	ELECTRODE CLO2/O 10 PPM SELECTIVE		
421000620101010	ELECTRODE OZON/O 2 PPM SELECTIVE		
421000620101020	ELECTRODE OZON/O 5 PPM SELECTIVE		
421000720101010	ELECTRODE H2O2/O 500 PPM SELECTIVE		

*FCL : Free Chlorine

CLO₂ : Chlorine Dioxide

* TCL : Total Chlorine

H₂O₂ : Hydrogen Peroxide

Model	Measurement range	pH range	Max. Pressure	Min./Max. Temperature	Flow rate	Cable Lenght
ELECTRODE FCL/O 2 PPM SELECTIVE	0...2 ppm	4-9 pH	1 bar	0°C/45°C	15-30 L/h	1 Meter
ELECTRODE FCL/O 5 PPM SELECTIVE	0...5 ppm	4-9 pH	1 bar	0°C/45°C	15-30 L/h	1 Meter
ELECTRODE FCL/O 200 PPM SELECTIVE	0...200 ppm	4-9 pH	1 bar	0°C/45°C	15-30 L/h	1 Meter
ELECTRODE TCL/O 5 SELECTIVE	0...5 ppm	4-12 pH	1 bar	0°C/45°C	15-30 L/h	1 Meter
ELECTRODE CLO2/O 2 PPM SELECTIVE	0...2 ppm	1-11 pH	1 bar	0°C/45°C	15-30 L/h	1 Meter
ELECTRODE CLO2/O 10 PPM SELECTIVE	0...10 ppm	1-11 pH	1 bar	0°C/45°C	15-30 L/h	1 Meter
ELECTRODE OZON/O 2 PPM SELECTIVE	0...2 ppm	2-11 pH	1 bar	0°C/45°C	15-30 L/h	1 Meter
ELECTRODE OZON/O 5 PPM SELECTIVE	0...5 ppm	2-11 pH	1 bar	0°C/45°C	15-30 L/h	1 Meter
ELECTRODE H2O2/O 500 PPM SELECTIVE	0...500 ppm	2-11 pH	1 bar	0°C/45°C	15-30 L/h	1 Meter



SENSORS & CALIBRATION LIQUIDS

04 AMPEROMETRIC FREE CHLORINE CELL

- Acrylic body corrosive chemical resistant and flow rate indicator
- 2 optional 12mm sensor input
- Flow control sensor



Stock code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
600510010111000	AMPEROMETRIC FREE CHLORINE CELL	21 x 24 x 10	1,75

Model	Measurement range	pH range	Max. Pressure	Min./Max. Temperature	Flow rate	Cable Length
AMPEROMETRIC FREE CHLORINE CELL	0...10 ppm	pH dependent	2 bar	0°C/45°C	30-50 L/h	1 Meter

DISSOLVED OXYGEN SENSOR



Stock code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg
421000810301010	ELECTRODE DO 7441T10FT SENSOR X5	11 x 27,5 x 9	0,740
421000860101010	ELECTRODE DO OPTICAL PVC B	17 x 26 x 10	0,980

Model	Measurement Range	Max. Temperature	Cable Length
ELECTRODE DO 7441T10FT SENSOR X5	0...20 ppm	0°C/50°C	6 Meter
ELECTRODE DO OPTICAL PVC B	0...20 ppm	0°C/50°C	10 Meter

SENSORS & CALIBRATION LIQUIDS

TEMPERATURE SENSORS

- PVC body NTC temperature sensors
- Brass body NTC temperature sensors
- Chrome body PT 100 temperature sensors



Stock code	Model	Package Sizes/cm W-L-H	Packed Weight/Kg	
400102000100000	SENSOR TEMPERATURE NTC P1	9,5 x 23 x 5,5	0,138	
400102000500000	SENSOR TEMPERATURE NTC P5		0,250	
421001100101010	ELECTRODE TEMPERATUREPT100 C1		0,200	
421001100501010	ELECTRODE TEMPERATURE PT100 C5		0,325	
400100100100000	SENSOR TEMPERATURE NTC B		0,145	



Model	Measurement Range	Working Principle	Maximum Pressure Temperature	Body Specs	
SENSOR TEMPERATURE NTC P1	0-50 °C	NTC	2 Bar/50 °C	PVC	
SENSOR TEMPERATURE NTC P5	0-50 °C	NTC	2 Bar/50 °C	PVC	
ELECTRODE TEMPERATURE PT100 C1	0-200 °C	PT100	10 Bar/200 °C	Chrome	
ELECTRODE TEMPERATURE PT100 C5	0-200 °C	PT100	10 Bar/200 °C	Chrome	
SENSOR TEMPERATURE NTC B	0-50 °C	NTC	Atm/50 °C	PVC	



SENSORS & CALIBRATION LIQUIDS

04 CALIBRATION LIQUIDS



Stock Code	Model	Value	Liquid Volume	Package Sizes/cm Body Dia. Cover Dia. - Height	Packed Weight/Kg
429900000040020	CALIBRATION LIQUID PH 4 20ML	4 pH	20 ml	3,5 x 3 x 6	0,032
429900000040480	CALIBRATION LIQUID PH 4 500ML	4 Ph	500 ml	6 x 3 x 21,5	0,532
429900000070020	CALIBRATION LIQUID PH 7 20ML	7 pH	20 ml	3,5 x 3 x 6	0,032
429900000070480	CALIBRATION LIQUID PH 7 500ML	7 pH	500 ml	6 x 3 x 21,5	0,532
429900000100020	CALIBRATION LIQUID PH 10 20ML	10 pH	20 ml	3,5 x 3 x 6	0,032
429900000100480	CALIBRATION LIQUID PH 10 500ML	10 pH	500 ml	7,5 x 3 x 15,5	0,571
429901002250020	CALIBRATION LIQUID ORP 225 20ML	225 mV	20 ml	3,5 x 3 x 6	0,030
429901002250480	CALIBRATION LIQUID ORP 225 500ML	225 mV	500 ml	6 x 3 x 21,5	0,488
429901004750020	CALIBRATION LIQUID ORP 475 20ML	475 mV	20 ml	3,5 x 3 x 6	0,034
429901004750480	CALIBRATION LIQUID ORP 475 500ML	475 mV	500 ml	6 x 3 x 21,5	0,528
429902001000020	CONDUCTIVITY SOLUTION 100uS 20 ML	100 uS	20 ml	3,5 x 3 x 6	0,031
429902001000480	CONDUCTIVITY SOLUTION 100uS 500 ML	100 uS	500 ml	6 x 3 x 21,5	0,534
429902014130020	CONDUCTIVITY SOLUTION 1413uS 20 ML	1413 uS	20 ml	3,5 x 3 x 6	0,031
429902014130480	CONDUCTIVITY SOLUTION 1413uS 500 ML	1413 uS	500 ml	6 x 3 x 21,5	0,534
429902027640020	CONDUCTIVITY SOLUTION 2764uS 20 ML	2764 uS	20 ml	3,5 x 3 x 6	0,031
429902027640480	CONDUCTIVITY SOLUTION 2764uS 500 ML	2764 uS	500 ml	6 x 3 x 21,5	0,534
429902128800020	CONDUCTIVITY SOLUTION 12880uS 20 ML	12880 uS	20 ml	3,5 x 3 x 6	0,031
429902128800480	CONDUCTIVITY SOLUTION 12880uS 500 ML	12880 uS	500 ml	6 x 3 x 21,5	0,534