

Model	ST300	ST300C	ST300D
Measurement Range	0.00...14.00 pH	0.0 uS/cm...199.9 mS/cm 0.1 mg/l...199.9 g/l (TDS) 0°C...100°C	0.0 - 199.9%; 200 - 400% 0.00 - 19.99; 20.0 - 45.0 mg/l 0.00 - 19.99; 20.0 - 45.0 ppm 0° - 50°C
Measurement Resolution	0.01 pH 1 mV 0.1°C	Automatic Range 0.1°C	0.1%; 1% 0.1 mg/L; 1 mg/L 0.01 ppm; 0.1 ppm 0.1°C
Barometric Range	NA	NA	375 - 825 mmHg 500 - 1100 mbar 500 - 1100 hPa
Barometric Resolution	NA	NA	1 mmHg 1 mbar 1 hPa
Error Limits	±0.01 pH ±1 mV ±0.5°C	±0.5% of the Measured Value ±0.3°C	±1%; ±0.3°C
Calibration	3 Points 1 Predefined Buffer Group	1 Point 3 Predefined Standards	1 or 2 Points 100% and 0%
Memory	30 Measurements Last Calibration Data	30 Measurements Last Calibration Data	30 Measurements Last Calibration Data
Power Supply	4 AAA > 500 Operating Hours	4 AAA > 250 Operating Hours	4 AAA > 250 Operating Hours
Size/Weight	Approx 90 W x 150 D x 35 H mm/ 0.18 kg (Without Batteries)	Approx 90 W x 150 D x 35 H mm/ 0.16 kg (Without Batteries)	Approx 90 W x 150 D x 35 H mm/ 0.18 kg (Without Batteries)
Display	Liquid Crystal	Liquid Crystal	Liquid Crystal
Input	BNC, Impedance > 10e + 12 Ω Cinch, NTC 30 k Ω	Mini-Din	BNC, Cinch, NTC 30 k Ω
Temperature Compensation	ATC & MTC	ATC, Linnear: 0.00 %/°C...10.00 %/°C Reference Temperature: 20 & 25°C	ATC & MTC
Salinity Compensation	NA	NA	0.0 - 50.0 ppt
IP Protection	IP54	IP54	IP54
Housing	ABS	ABS	ABS