

Probes and Calibration Solutions

Conductivity/TDS Probes

Choose from three cell constants

All probes feature built-in temperature compensation. A 1.0 cell constant (K) is ideal for midrange conductivity measurements. For high conductivity measurements (near or above 20 mS), order a probe with K = 10.0; for low conductivity measurements (near or below 20 μ S), order a probe with K = 0.1.



Ordering Information

Catalog number	Body/sensor material	Cell constant (K)	Temperature range	Cable length	Probe style
Probes for use with CON 6/6+, TDS 6/6+, and SALT 6/6+					
WD-35606-53	Uitem®/stainless steel	0.1	0 to 80°C	3 ft (1 m)	C
WD-35606-55	Uitem/stainless steel	1.0	0 to 80°C	3 ft (1 m)	C
WD-35606-57	Uitem/stainless steel	10	0 to 80°C	10 ft (3 m)	C
Probes for use with CON 11, CON 110, pH/CON 300, CON 400, CON 410, TDS 400, CON 510, and pH/CON 510					
WD-35608-50	Uitem/stainless steel	1.0	0 to 80°C	3 ft (1 m)	C
WD-35608-57	Uitem/stainless steel	1.0	0 to 80°C	10 ft (3 m)	C
WD-35608-51	Epoxy/platinum	10	0 to 80°C	3 ft (1 m)	A
WD-35608-52	Glass/platinum	1.0	0 to 100°C	3 ft (1 m)	B
WD-35608-55	Epoxy/platinum	0.1	0 to 80°C	3 ft (1 m)	A
Probes for use with CON 600, CON 610, PC 650, CD 650, and PCD 650					
WD-35408-50	Epoxy/graphite	0.1	0 to 80°C	3 ft (1 m)	A
WD-35408-52	Uitem/stainless steel	1.0	0 to 80°C	3 ft (1 m)	C
WD-35408-57	Uitem/stainless steel	1.0	0 to 80°C	10 ft (3 m)	C
WD-35408-54	Epoxy/graphite	10	0 to 80°C	3 ft (1 m)	A
WD-35408-56	Epoxy, 4-cell/graphite	0.3	0 to 80°C	3 ft (1 m)	A
2-cell conductivity probes for use with CON 700/2700 and PC 700/2700					
WD-35608-72	Epoxy/platinum	0.1	0 to 80°C	3 ft (1 m)	A
WD-35608-74	Uitem/stainless steel	1.0	0 to 80°C	3 ft (1 m)	C
WD-35608-76	Epoxy/platinum	1.0	0 to 80°C	3 ft (1 m)	A
WD-35608-78	Epoxy/platinum	10	0 to 80°C	3 ft (1 m)	A
4-cell conductivity probes for use with CON 2700 and PC 2700					
WD-35608-90	Epoxy/platinum	0.1	0 to 80°C	3 ft (1 m)	A
WD-35412-10	Epoxy/graphite	1.0	0 to 80°C	3 ft (1 m)	A
WD-35608-92	Epoxy/platinum	1.0	0 to 80°C	3 ft (1 m)	A
WD-35608-94	Epoxy/platinum	10	0 to 80°C	3 ft (1 m)	A

Conductivity/TDS Calibration Pouches

Standardized against NIST-traceable reference for accuracy

Conductivity/TDS pouches are convenient, individually sealed pouches that contain high-precision calibration standards. Ideal for field calibration; just select the pouches you need and carry them to your test site for on-the-spot calibration and verification. Pouches are labeled with equivalent values for KCl, NaCl, and 442 and conductivity values at 25°C and CAS numbers for "Right-to-Know" requirements. Each box contains twenty 20-mL pouches.



Ordering Information

Catalog number	Conductivity value	Conductivity-to-TDS calibration values		
		ppm KCl	ppm NaCl	ppm 442
WD-35653-09	10 μ S	4.7	4.8	7.0
WD-35653-10	447 μ S	225.6	215.5	300.0
WD-35653-11	1413 μ S	744.7	702.1	1000
WD-35653-12	2764 μ S	1382	1414.8	2062.7
WD-35653-13	15,000 μ S	8759	8532	13,455
WD-35653-15	5,650 μ S	3240	3000	—

WD-35653-00 Deionized rinse water pouches, 20 pouches/box

Conductivity/TDS Calibration Solutions

Standardized against NIST-traceable references to ensure quality

Conductivity/TDS calibration solutions are cross checked using different test methods, premixed, and ready to use with $\pm 1\%$ accuracy at 25°C. Each one-pint bottle is labeled with the name and CAS number for all ingredients to conform with "Right-to-Know" requirements.



Ordering Information

Catalog number	Conductivity value	Conductivity-to-TDS calibration values		
		ppm KCl	ppm NaCl	ppm 442
WD-00653-23	23 μ S	11.6	10.7	14.74
WD-00653-16	84 μ S	40.38	38.04	50.50
WD-00653-47	447 μ S	225.6	215.5	300.0
WD-00653-18	1413 μ S	744.7	702.1	1000
WD-00653-15	1500 μ S	757.1	737.1	1050
WD-00653-27	2070 μ S	1045	1041	1500
WD-00653-20	2764 μ S	1382	1414.8	2062.7
WD-00653-89	8974 μ S	5101	4487	7608
WD-00606-10	12,880 μ S	7447	7230	11,367
WD-00653-50	15,000 μ S	8759	8532	13,455
WD-00653-32	80 mS	52,168	48,384	79,688