




Models		ECPH70042S	ECPH70042GS	ECPH27005E	ECPH27005E-P
Bench Meters pH/mV/Temperature					
Measuring Parameter		pH /mV/ °C / °F		pH /mV/ °C / °F	
pH	Range	-2.00 to 16.00 pH		-2.000 to 20.000 pH	
	Resolution	0.01 pH		0.1 / 0.01/ 0.001 pH (selectable)	
	Accuracy	± 0.01 pH		± 0.002 pH + 1 LSD	
ORP	Range	± 2000 mV		± 2000 mV	
	Resolution	0.1 (± 199.9 mV) / 1 mV (beyond)		0.1 mV	
	Accuracy	± 0.2(± 199.9 mV) / ± 2 mV (beyond)		± 0.2 mV	
Temp. Range	Range	0.0 to 100.0°C (32.0 to 212.0°F)		0.0 to 100.0°C (32.0 to 212.0°F)	
	Resolution	0.1 °C /0.1 °F		0.1°C /0.1°F	
	Accuracy	±0.3°C / ±0.5°F (0 to 70°C)		± 0.3°C /±0.5°F (0 to 70°C)	
ATC /MTC		0 to 100°C (pH only)		0 to 100°C (pH only)	
Buffer Options		USA (pH 1.68, 4.01, 7.00, 10.01,12.45) NIST (1.68, 4.01, 6.86, 9.18, 12.45)		USA, NIST, DIN, User 1, User 2, Custom	
No. of pH Calibration Points		5 points		6 points	
Built-in Electrode Arm		Yes		Yes	
Memory		100 Data sets		500 Data sets	
GLP		---		Yes	
Input		DC socket, BNC, 2.5 mm phono (ATC), phono (reference)		DC socket, BNC, 2.5 mm phono (ATC), phono (reference), phono (RS232)	
Output		---		RS 232C (via cable)	
Printer		---		---	
Electrode		Included ECFC7252101B	Included EC620131	Included EC620131	
Temperature Probe		Included PH5TEMB01P			
Power Requirements		Included, 100 /240VAC SMPS Power Adapter, 9V,6W, CENTRE +ve		Included, 100 /240VAC SMPS Power Adapter, 9V,6W	
Dimensions (LxWxH);Weight	Meter	17.5 (L) x 15.5 (W) x 6.9 (H) cm ; 650 g			
	Boxed	30.8 (L) x 23.5 (W) x 12.4 (H) cm ; 1800 g			

Product Code	Cat No	Description
ECPH70042S	8042 006	pH 700 meter with plastic body, open pore pH electrode ECFC7252101B , ATC Probe PH5TEMB01P; integral electrode holder & 100/240 VAC Adapter (ORP Electrode to be ordered separately)
ECPH70042GS	8042 007	pH 700 meter with glass body, open pore pH electrode EC620131 , ATC Probe PH5TEMB01P; integral electrode holder & 100/240 VAC Adapter (ORP Electrode to be ordered separately)
ECPH27005E	8057 013	pH 2700 meter with glass body, open pore pH electrode EC620131, ATC Probe PH5TEMB01P; integral electrode holder, 100/240 VAC Adapter and RS232 cable (ORP Electrode to be ordered separately)
ECPH27005E-P	8057 014	pH 2700 meter with glass body, open pore pH electrode EC620131, ATC Probe PH5TEMB01P; integral electrode holder, 100/240 VAC Adapter, RS232 cable and AN-270 Dot Matrix Printer (ORP Electrode to be ordered separately)
EC620131	8034 015	Glass-body pH combination electrode, reference double junction ,Ag/AgCl Sealed, 12 x 120 mm, BNC connector, 1m cable length
ECFC7960101B	8052 007	General purpose plastic-body single junction gel-filled ORP electrode, 12 x 90mm, BNC connector, 1m cable length
ECFC7960201B	8052 008	General purpose plastic-body double junction gel-filled ORP electrode, 12 x 90mm, BNC connector, 1m cable length
AN-270	8057 015	Dot Matrix Printer, Brand ANTECH
ECPH5TEMB01P	8034 003	ATC Probe (for Tutor, pH 510, pH 700, Ion 700, pH 2700, Ion 2700), 1m cable length