

F-70_DS-70 series specifications

		F-71	F-72	F-73	F-74	F-74BW	DS-71	DS-72	
pH	Measurement method	Glass electrode method						-	-
	Measurement range	pH 0.000~14.000						-	-
	Display range	pH -2.000~19.999	pH -2.000~20.000			pH -2.000~19.999		-	-
	Resolution	0.001pH	0.01/0.001pH			0.001pH		-	-
	Auto range select	-	●	●	●	-	-	-	
	Repeatability	±0.005pH±1 digit	±0.001pH±1 digit			±0.005pH±1 digit		-	-
	pH calibration point	5	5			5		-	-
	Repeatability check	●	●	●	●	●	-	-	
	Alarm limit of calibration	●	●	●	●	●	●	●	
	Periodical check	-	●	●	●	●	-	-	
mV(ORP)	Measurement range	±1999.9mV						-	-
	Resolution	0.1mV						-	-
	Repeatability	±0.1mV±1 digit						-	-
Temp	Measurement range	0.0~100.0°C(-30.0~130.0°C)						-	-
	Resolution	0.1°C						-	-
	Repeatability	±0.1°C±1 digit						-	-
ION	Measurement method	-	Ion electrode method				-	-	
	Measurement range	-	0.00 μg/L~999g/L(mol/L)				-	-	
	Resolution	-	Valid numbers 3 digits				-	-	
	Repeatability	-	±0.5% ±1 digit of full scale				-	-	
	Periodical check	-	●	●	●	-	-	-	
	Calibration curve point	-	5	5	5	5	-	-	
	Addition method measurement	-	●	●	●	●	-	-	
Conductivity	Measurement method	-	-	-	2 AC bipolar method				
	Measurement range(Display range)	-	-	-	Cell constant 100m ⁻¹ :0.000mS/m~19.99S/m Cell constant 10m ⁻¹ :0.0 μS/m~1.999S/m Cell constant 1000m ⁻¹ :0.00mS/m~199.9S/m				
	Resolution	-	-	-	0.05% of full scale				
	Repeatability	-	-	-	±0.5% ±1 digit of full scale				
	Change unit	-	-	-	●	●	●	●	
	Distilled water temperature conversion	-	-	-	●	-	-	●	
	Periodical check	-	-	-	●	-	-	●	
	JP/EP/USP/CP Pharmaceutical water application	-	-	-	●	-	-	●	
Salinity	Measurement method	-	-	-	Conversion from conductivity value				
	Measurement range(Display range)	-	-	-	0.00~80.00PPT(0.000%~8.000%)				
	Resolution	-	-	-	0.01PPT(0.001%)				
	Salt concentration calibration	-	-	-	●	●	●	●	
Resistivity	Measurement method	-	-	-	Conversion from conductivity value				
	Measurement range(Display range)	-	-	-	Cell constant 100m ⁻¹ :0.00 Ω·m~199.9k Ω·m Cell constant 10m ⁻¹ :0.0 Ω·m~1.999M Ω·m Cell constant 1000m ⁻¹ :0.000 Ω·m~19.99k Ω·m				
	Resolution	-	-	-	0.05% F.S.				
	Repeatability	-	-	-	±0.5%F.S.±1 digit				
	Periodical check	-	-	-	●	●	●	●	
TDS	Measurement method	-	-	-	Conversion from conductivity value				
	Measurement range(Display range)	-	-	-	0.01 mg/L ~1000 g/L	0.01 mg/L ~100 g/L	0.01 mg/L ~1000 g/L		
	Resolution	-	-	-	0.01mg/L				
Input/output	Input(CH)	1	1	2	2	2	1	1	
	USB peripherals (Communication with PC)	●	●	●	●	●	●	●	
	USB host(USB memory)	-	●	●	●	-	-	●	
	RS-232C(Printer/PC)	●	●	●	●	●	●	●	
	Analogue output	-	●	●	●	-	-	●	
Data	Memory number	999	2000	2000	2000	999	999	2000	
	Interval memory	●	●	●	●	●	●	●	
	ID input	●	●	●	●	●	●	●	
	Data search	-	●	●	●	-	-	●	
Display	Display	Custom LCD	Color graphic LCD with capacitive Touch Panel			Custom LCD		Color graphic LCD with capacitive Touch Panel	
	Dual component display	-	-	●	●	●	-	-	
	Multilanguage display	-	Japanese/English/Chinese/Korean			-	-	Japanese/English/Chinese/Korean	
Function	Navigation function	-	●	●	●	-	-	●	
	User guide	-	●	●	●	-	-	●	
	Graf display	-	●	●	●	-	-	●	
	Printer connectivity (GLP/GMP)	●	●	●	●	●	●	●	
	Custom printing function	-	●	●	●	-	-	●	
	temperature compensation (Auto/manual)	●	●	●	●	●	●	●	
	AutoHold function	●	●	●	●	●	●	●	
	AutoHold setting	-	●	●	●	-	-	●	
	Stability function (pH/ION)	-	●	●	●	-	-	-	
	Register operator	-	●	●	●	-	-	●	
	Security(pass word)	●	●	●	●	●	●	●	
Version up function	●	●	●	●	●	●	●		
Ambient temperature	0 °C ~ 45°C								
Power	AC adaptor 100 ~ 240V 50/60Hz								
Dimensions	170(W) × 174(D) × 73(H)mm(Excluding electrode stand and AC adaptor)								
Power consumption	Approx. 0.7VA	Approx. 9.8VA			Approx. 0.7VA		Approx. 9.8VA		
Mass of main unit	Approx. 500g	Approx. 700g			Approx. 500g		Approx. 700g		