

ST-174B Temperature/Humidity & Air Pressure Datalogger

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Features:	
-	Alarm setup and indication
-	Recording and low battery indication
-	Manual and automatic start mode
-	USB port for data traffic and power supply
-	Status indication via Red/Yellow LED and Green LED
-	Sea level equivalent calculations for air pressure

Specifications		
2-1 General Specifications		
Resolution:	0.1%RH/0.1°C/0.1hPa	
Data Memory:	10000	
Sampling Rate:	1 minute to 18 hours	
Data Output:	USB data traffic	
Recording Indication:	Green LED flash	
Memory Full Indication:	Yellow LED flash	
Analysis Software:	2000/XP/Vista	
Power Supply:	One 3.6V battery	
2-2 Humidity & Temperature Specifications		
Measurement Range:		
Temperature Range	-40~70°C / -40~158°F	
Humidity Range	0~100%RH	
Accuracy:		
Temperature	40 to 70°C	±2°C
	0 to 40°C	±1°C
	-40 to 0°C	±2°C
Humidity	0 to 20 and 80 to 100%	±5%
	20 to 40 and 60 to 80%	±3.5%
	40 to 60%	±3.5%
2-3 Air Pressure Specifications		
Measurement Range:	700~1100hPa	
Accuracy	50 to 70°C	±4.0hPa
	0 to 50°C	±2.5hPa
	-40 to 0°C	±4.0hPa
Repeatability:	±0.2% (Max ±0.3%FSO)	
Linearity/Hysteresis:	±0.24%FSO	
Temperature coefficient:	±0.1%FSO	

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Note:

FSO: Full Scale Output

1 psi = 68.947 mbar = 0.068947 bar

1 psi = 6894.7 Pa = 68.947 hPa = 6.8947 kPa



Remarks: If find any query of the above, please refer to our manual for details or contact us

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