



fourtec
FOURIER TECHNOLOGIES

MicroLog

COMPARISON SPECIFICATIONS TABLE

	MicroLog		MicroLogPRO II	
	EC600	EC650	EC800	EC850
Internal sensor range	Temp: -30 to 50 °C	Temp: -30 to 50 °C RH: 10 to 90%	Temp: -40 to 80 °C	Temp: -40 to 80 °C RH: 5 to 95%
Temperature accuracy	± 0.6 °C		± 0.2 °C	
Humidity accuracy	N/A	± 3%	N/A	± 2%
Temperature Resolution	0.5 °C (-30 to -29 °C and 33 to 39 °C) 0.4 °C (-28 to -22 °C and 23 to 32 °C) 0.3 °C (-21 to 22 °C)		0.1 °C	
Humidity Resolution	N/A	0.5 %	N/A	0.1%
Ext. Sensor Support	Temperature, 4 to 20 mA, 0 to 10 V, pH			
Memory capacity	16,000 (over 3 channels)		52,000 samples (over 3 channels)	
Sampling rate	Minimum: Once every 10 seconds Maximum: Once every 2 hours		Minimum: Once every second Maximum: Once every 18 hours	
LCD display	Two digit, 7-segment LCD		Four digit, 7-segment LCD with decimal point	
Dew Point	N/A		LCD and Software indication	
LED	N/A		Bi color Alarm	
PC Connection	RS-232		Mini USB	
Infrared printout	Minimum, maximum and duration up to 30 days Wireless report to portable thermal printer HP82240B		N/A	
Power supply	1/2 AA 3.6V Lithium battery		2/3 AA 3.6V Lithium battery	
Battery life	~ 1.5 years depending on sampling rate		~ 2 years depending on sampling rate	
Dimensions	Diameter: 72 mm Thickness: 22.9 mm			
Weight	55 g			
Wall Mount	None		Cradle accessory	
Standards Compliance	CE, IP65	CE, IP54	CE, IP65	CE, IP54

About fourtec

fourtec – Fourier Technologies is a recognized leader in data-logging and monitoring solutions for controlled industrial environments, such as food, pharmaceutical, medical, storage and transportation industries.

Our solutions enable our customers to deliver higher quality products, ensure consumer safety, comply with regulatory requirements and increase profitability. Innovation, expertise and a commitment to quality are the values that drive the development and production of our products.

fourtec – Fourier Technologies is an associate member of GCCA (Global Cold Chain Alliance). A proven specialist in cold chain management systems, we deliver end-to-end solutions that accompany products from the processing floor to the end user.

fourtec – Fourier Technologies operates in over 60 countries, through an established network of selected resellers. fourtec's trusted data acquisition solutions have been implemented globally by many mission critical organisations including NASA, Coca Cola, Qantas, Colgate and TEVA.

fourtec – Fourier Technologies is a spinoff company based on the industrial division of Fourier Systems, a world leader in data logging, data acquisition and monitoring, with more than 20 years of experience in serving this market.

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