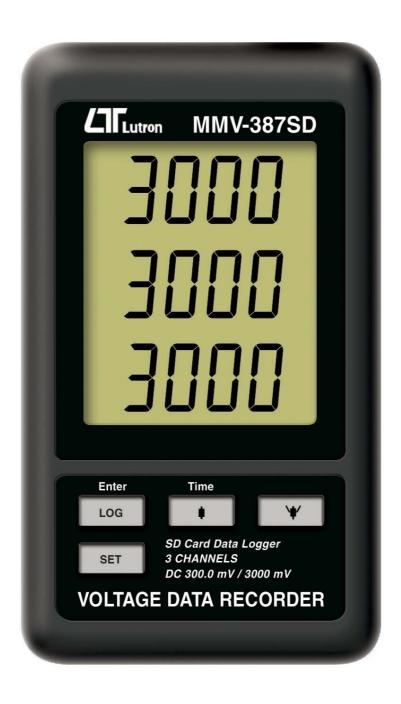
SD card real time data recorder

3 channels DC 300.0 mV/3000 mV VOLTAGE RECORDER

Model: MMV-387SD *ISO-9001, CE, IEC1010*









3 CHANNELS VOLTAGE RECORDER

Model: MMV-387SD

FEATURES

*	300.0/3000 mV recorder with real time		
	data logger, save the measuring data along		
	the time information (year, month, date, hour,		
	minute, second) into the SD memory card		
	and can be downloaded to the Excel, extra		
	software is no need.		
*	Input signal: 300.0 mV/3000 mV, 3 channels.		
*	Resolution: 0.1 mV/1 mV.		
*	Input channels: 3 channels.		
*	Show 3 channels (CH1, CH2, CH3) mV measurement		
	values in the same LCD.		
*	Records time and date along DC mV value from		
	external sensors, transducers and many other sources.		
*	Applications:		
	300.0 mV/3000 DC mV recording.		
	Current probe recording		
	pH recording		
	Low level signal monitoring		
	Photovoltaic studies		
	Battery studies		
	Biological sensor monitoring		
	Factory process control		
	Research and development		
	Medical and Pharmaceutical		
	Environmental studies		
*	Large LCD display, easy readout.		
*	Low power consumption and long battery life		
	when using battery power.		
*	DC 1.5V (UM-4/AAA) battery x 6 PCs or		
	optional DC 9V adapter in.		
*	RS232/USB computer interface.		

SPECIFICATIONS

Circuit	Custom one-chip of microprocessor LSI		
	circuit.		
Display	LCD size : 60 m	m x 50 mm	
Memory Card	SD memory card. 1 GB to 16 GB.		
Measurement	300.0 DC mV or 3000 DC mV.		
Signal	* 2 range, internal setting.		
CH1, CH2, CH3			
Accuracy	300.0 DC mV	± (0.5% + 0.2 mV)	
	3000 DC mV	± (0.5% + 2 mV)	
Resolution	300.0 DC mV	0.1 DC mV	
	3000 DC mV	1 DC mV	

Datalogger	5/10/30/60/120/300/600 seconds		
Sampling Time			
Data error no.	≤ 0.1 % no. of total saved data typically.		
Advanced	* SD memory card Format		
setting	* Set clock time (Year/Month/Date, Hour/Minute/		
J	Second)		
	* Set sampling time		
	* Set beeper sound ON/OFF		
	* Set SD card Decimal character		
	* Set RS232 data output ON/OFF		
	* Set input range (300.0 mV/3000 mV)		
Update Time	Approx. 1 second if measuring data		
of Display	is changed.		
Data Output	RS 232/USB PC computer interface.		
·	* Connect the optional RS232 cable		
	UPCB-02 will get the RS232 plug.		
	* Connect the optional USB cable		
	USB-01 will get the USB plug.		
Operating	0 to 50 ℃.		
Temperature			
Operating	Less than 85% R.H.		
Humidity			
D 0 1	All II		
Power Supply	Alkaline or heavy duty DC 1.5 V battery		
	(UM4, AAA) x 6 PCs, or equivalent.		
	or 'DC 9V adapter input. (AC/DC power		
	adapter is the optional accessory).		
	* Batterries are also the clock backup		
	power source, so if use AC to DC		
	adapter power supply, it is		
	recommend toinstall the batteries		
	at any time.		
Weight	199 g/0.44 LB.		
Dimension	132 x 80 x 32 mm		
	(5.2 x 3.1 x 1.3 inch)		
Accessories	* Instruction manual 1 PC		
Included	* Hanging unit (with sticker)1 PC		
	* Wire plug for input socket3 PCs		
Optional	* AC to DC 9V adapter		
Accessories	* SD Card (4 GB)		
	* USB cable, USB-01.		
	* Data Acquisition software, SW-U801-WIN.		
	* Excel Data Acquisition software, SW-E802.		

1511-MMV387SD

^{*} Appearance and specifications listed in this brochure are subject to change without notice. 1511-MMV