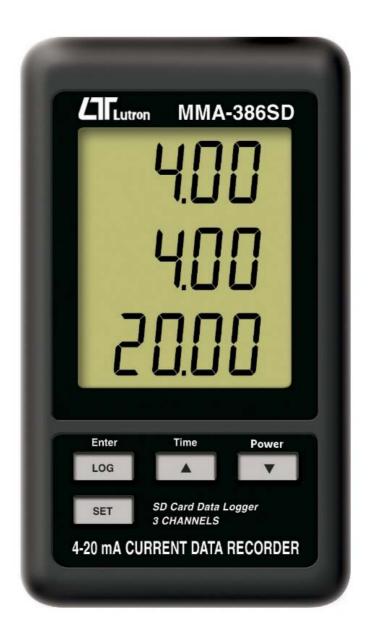
3 channels 4-20 mA CURRENT RECORDER

Model : MMA-386SD

ISO-9001, CE, IEC1010









The Art of Measurement

SD Card real time data logger **3 channels 4-20 mA CURRENT RECORDER** Model : MMA-386SD

FEATURES

1 2/11 01(20			
* 4-20 mA curr	ent loop recorder with real time	Datalogger	1/2/5/10/30/60/
data logger, save the measuring data along		Sampling Time	/Auto
the time information (year, month, date, hour,		Data error no.	\leq 0.1 % no. of t
minute, second) into the SD memory card		Advanced	* SD memory card
and can be downloaded to the Excel, extra		setting	* Set clock time (Y
software is no need.			Second)
* Input signal : 4 to 20 mA, 3 channels.			* Set sampling time
* Resolution : 0.01 mA.			* Set beeper sound
* Input channels : 3 channels.			* Set SD card Decir
* Show 3 channels (CH1, CH2, CH3) 4-20 mA			* Set RS232 data o
current loop values in the same LCD.		Update Time	Approx. 1 second
* Records time and date along with 4-20 mA DC		of Display	is changed.
current measurement value from external sensors,		Data Output	RS 232/USB PC c
transducers and many other sources.			* Connect the opt
* Applications :			UPCB-02 will ge
4 to 20 mA re			* Connect the opt
pH recording			USB-01 will get
Low level signal monitoring		Operating	0 to 50 ℃.
Photovoltaic studies		Temperature	
Battery studies		Operating	Less than 85% R
	isor monitoring	Humidity	
Factory proce			
Research and development		Power Supply	Alkaline or heavy
Medical and Pharmaceutical			(UM4, AAA) x 6
Environmental studies			or DC 9V adapter
* Large LCD display, easy readout.			adapter is the op
* Low power consumption and long battery life			* Batteries are a
when using battery power.			power source,
-	I-4/AAA) battery x 6 PCs or		adapter power
optional DC 9V adapter in.			recommend to
* RS232/USB computer interface.			at any time.
132327030 0		Weight	199 g/0.44 LB.
SPECIFICATIONS		Dimension	132 x 80 x 32 mr
Circuit	Custom one-chip of microprocessor LSI		(5.2 x 3.1 x 1.3
	circuit.	Accessories	* Instruction ma
Display	LCD size : 60 mm x 50 mm	Included	* Hanging unit (
Memory Card	SD memory card. 1 GB to 16 GB.		* Wire plug for in
Measurement	0 to 20 mA	Optional	* AC to DC 9V ac
Signal		Accessories	* SD Card (4 GB
CH1, CH2, CH3			* USB cable, USB
Accuracy	± (0.5% + 0.02 mA)		* RS232 cable, UF
Accuracy	1 (0.370 + 0.02 MA)		* Data Acquisition
Decolution	0.01 mA		* Excel Data Acquisition

Datalogger	1/2/5/10/30/60/120/300/600 seconds	
Sampling Time	/Auto	
Data error no.	\leq 0.1 % no. of total saved data typically.	
Advanced	* SD memory card Format	
setting	* Set clock time (Year/Month/Date, Hour/Minute/	
	Second)	
	* Set sampling time	
	* Set beeper sound ON/OFF	
	* Set SD card Decimal character	
	* Set RS232 data output ON/OFF	
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		
, , , , , , , , , , , , , , , , , , ,		
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).	
	* Batteries are also the clock backup	
	power source, so if use AC to DC	
	adapter power supply, it is	
	recommend to install 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 socket	
Optional	* AC to DC 9V adapter	
Accessories	* SD Card (4 GB)	
	* USB cable, USB-01.	
	* RS232 cable, UPCB-02.	
	* Data Acquisition software, SW-U801-WIN.	
	* Excel Data Acquisition software, SW-E802.	
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 Resolution
 0.01 mA.
 * Excel Data /

 * Appearance and specifications listed in this brochure are subject to change without notice.

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