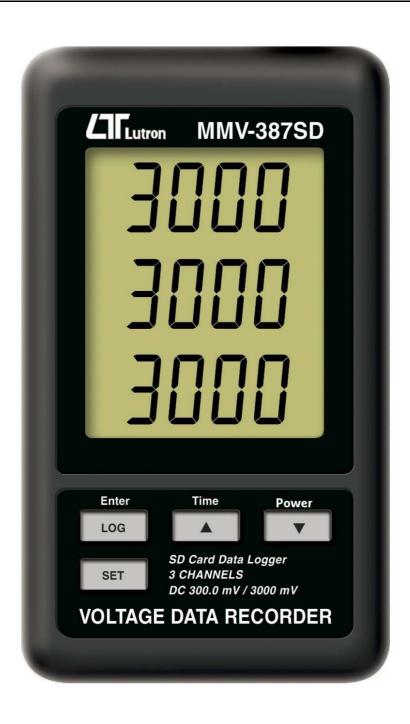
SD card real time data recorder

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 | 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 | | |
| | * 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 | | | |
| | | | |
| 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 3 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. | | |
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1601-MMV387SD

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