

## Specifications

Measurement Channels	Voltage 4ch
Input Method	Scanning Method, Differential Input, Each Channel Isolated
Input Impedance	Approx. 1.1 M $\Omega$
Input Frequency	DC-100 Hz
Measurement Range	$\pm 300$ mV, $\pm 1.5$ V, $\pm 6$ V, $\pm 24$ V, Auto (*1) Absolute Maximum Input Voltage: $\pm 50$ V
Accuracy	Measurement Range: $\pm 300$ mV: $\pm (0.3\% + 0.06$ mV) $\pm 1.5$ V : $\pm (0.3\% + 0.3$ mV) $\pm 6$ V : $\pm (0.3\% + 0.6$ mV) $\pm 24$ V : $\pm (0.3\% + 2.4$ mV) Auto : According to the range in use
Measurement Resolution	50-60 Hz Filter ON : 0.01 mV 50-60 Hz Filter OFF : 0.1 mV
Recording Interval	2, 5, 10, 20, 50, 100, 200, 500 ms. 1, 2, 5, 10, 15, 20, 30 sec. 1, 2, 5, 10, 15, 20, 30, 60 min. (The minimum interval will depend on the number of channels, measurement range, and Hz filter setting.)
Logging Capacity	Up to 480,000 readings (*2)  When recording 1 channel : up to 480,000 readings/ch When recording 2 channels : up to 240,000 readings/ch When recording 3 channels : up to 160,000 readings/ch When recording 4 channels : up to 120,000 readings/ch
Recording Mode	Endless (Overwrite the most recent data when capacity is full) or One Time (Stop recording when capacity is full)
Group Recording	Up to 4 units (16 channels) can be recorded simultaneously.
LCD Display Items	Measurements, Trend Graph, Battery Life Warning, etc.
Communication Interfaces	USB Communication
External Memory	SD Memory Card, SDHC Memory Card (*3)
Power	AA Alkaline Battery x 2 (AA Ni-MH batteries may also be used), USB Power (5V 250mA)
Battery Life (*4)	With AA Alkaline Batteries: Approx. 4.5 to 150 days

"Input Terminal / Preheat Terminal"	Screwless Terminals <Compatible Wires> Single Wire : $\varnothing 0.32$ to $\varnothing 0.65$ mm (AWG 28 - 22) Twisted Wire : 0.08 to 0.32 mm $\varnothing$ (AWG 28 - 22), $\varnothing 0.12$ mm or more in diameter Stripping Length : 9 to 10 mm
Isolation	CH1, CH2, CH3, CH4, USB, and Preheat are isolated. (Battery terminals are not isolated from the CH1-CH4 input terminals.) CH1-CH4 Maximum Applied Voltage : $\pm 50$ V Electrical Isolation Resistance : 50 M $\Omega$ or more (DC $\pm 250$ V)
Dimensions	H 120 mm x W 75 mm x D 32 mm
Weight	Approx. 190 g (including batteries)
Operating Environment	Temperature: 0 to 50 $^{\circ}$ C Humidity: 90 %RH or less (no condensation)
Accessories	AA Alkaline Battery x 2, USB Communication Cable (US-15C), Software (CD-ROM), User's Manual Set (Warranty Included)

## Software

Compatible OS (*5)	Microsoft Windows 8 32 / 64 bit (*6) Microsoft Windows 7 32 / 64 bit Microsoft Windows Vista 32 bit (SP1 or later) Microsoft Windows XP 32 bit (SP3 or later)
Display Languages (*7)	English

- \*1: When "Auto" is selected, measurement range will be automatically changed according to the voltage being measured.
- \*2: If the logging capacity is not filled at the end of one recording session, the logger can record up to 30 times.
- \*3: A memory card can be used to transfer recorded data from a logger to a PC. However, measurement data cannot be directly recorded into a memory card.
- \*4: Battery life varies depending upon the measurement interval and Hz filter setting. All estimates are based on operations carried out with a new battery and are in no way a guarantee of actual battery life.
- \*5: For installation, it is necessary to have Administrator (Computer Administrator) rights.
- \*6: If you are using Windows 8, please note that our software is designed to be used in "Desktop" mode only.
- \*7: We recommend using an operating system in the same language as the display language. Operation in different languages is not guaranteed.
- \*8: During the installation process of the software, if not present, .NET Framework 4 Client Profile will be installed automatically.
- The specifications listed above are subject to change without notice.