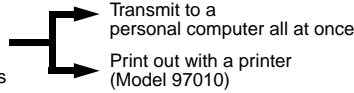


Communication Functions and Application Software Allow Analyses and Management of Measurement Data

Data Storage Method

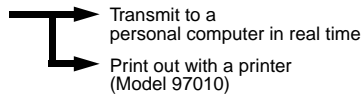
Data storage to DMM's internal memory

50 data values in manual-mode memory
600 data values in logging-mode memory units



Saving real-time measured data to personal computer

Real-time measured data (only logging measurements)



The number of data that can be stored for real-time measurement depends more specifically on the life of the batteries in the DMM.
Reference: The cell life of alkaline batteries is approximately 100 hours when transmitting data in real time while measuring DC voltages at 1-second periods.

Data Management

Management with special application software

You can display measured data as a table and trend graphs. Real-time data transmission allows you to see moment-to-moment changes at a glance. In addition, when displaying DMM data on a PC screen they are enlarged to allow you to easily discern new data.

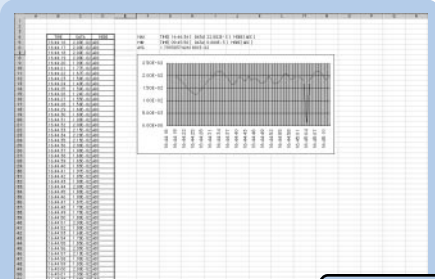
Data management with Excel* spreadsheet software

The 92010 is provided with a function to import data to an Excel* spreadsheet file, and graphs can be automatically drawn on the spreadsheet. This allows you to use Excel's extensive editing functions to prepare reports in original formats with ease.

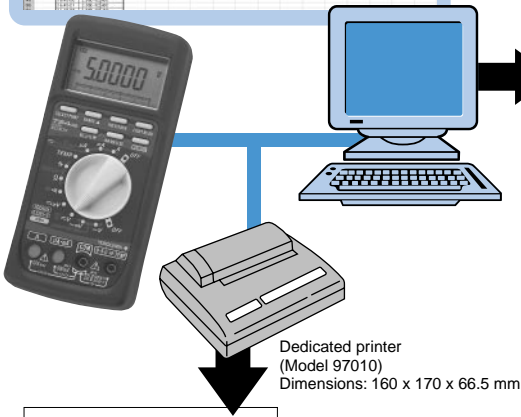
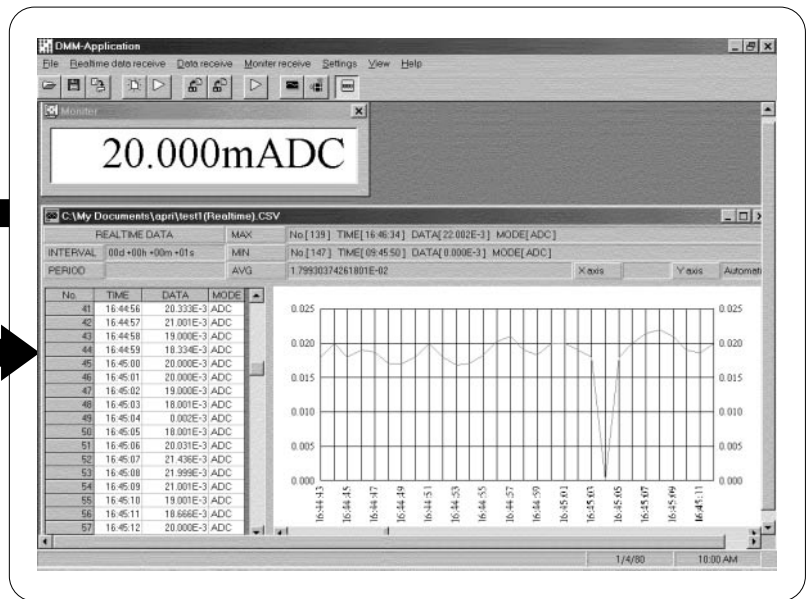
Note: During real-time measurement, importing data to an Excel spreadsheet generates only a table containing the measured values. Generation of a graph is possible after completion of measurement.

* Excel is a registered trademark of Microsoft Corporation, the United States.

Data Layout Example on Excel* Spreadsheet



Example of Document Windows in DMM Application Software



Example Printout of Stored Logging Data

L001 N,+0.9998 VDC
L002 N,+0.9997 VDC
L004 N,+0.9999 VDC
L005 N,+0.9999 VDC
L006 N,+0.9998 VDC
L007 N,+0.9998 VDC
L008 N,+0.9998 VDC
L009 N,+0.9998 VDC
L010 N,+0.9999 VDC
L011 N,+0.9998 VDC
L012 N,+0.9998 VDC
L013 N,+0.9998 VDC
L014 N,+1.0000 VDC
L015 N,+0.9999 VDC
L016 N,+1.0000 VDC
L017 N,+1.0000 VDC
L002 VDC

Characters represent the following information, starting from the left.

- L: Logging memory
- 3-digit numeral: Data number
- N: Normal measured value (O: "OL" indication on the DMM display)
- 5-digit numeral: Measured value
- VDC: Unit (example shows DC voltage)

92010 Communications Package Specifications

Communication cable

Cable length: Approximately 1.5 m
Connector on the side of the PC: D-sub 9-pin

- A separate RS-232C cable (Model 91015) is required for connection to a printer.

Application software

System requirements of PC

Model: PC/AT compatible
Operating system: Windows* 98 or 95
CPU: Pentium 100 MHz or higher recommended
Memory: 16 MB or larger recommended
CRT: 800 x 500 pixels of resolution or higher recommended

Logging interval Any setting from 1 second, minimum

- A computer with a higher CPU should be used if the computer fails to receive measured data.

* Windows is a registered trademark of Microsoft Corporation, the United States.