



DAQ970A/DAQ973A data acquisition systems

Get the next-generation data acquisition (DAQ) system with a 3-slot mainframe and your choice of 9 plug-in modules. Interface with the DAQ using Keysight BenchVue DAQ software, the intuitive graphical front panel with task oriented, self-guiding menus, or a web browser.

- Advanced 6½ digit internal DMM with improved accuracy and faster measurement speed
- Ability to measure very low current ranges (1 µA DC and 100 µA AC) and higher resistance range (1000 MΩ)
- New auto-calibration that compensates for internal drifts caused by time and temperature changes
- 3497XA compatible, program and configuration
- LAN and USB for easy PC connectivity (DAQ973A includes additional GPIB)



PLUS

- All modules have been updated to have improved switching speeds and accuracies
- DAQM900A solid state multiplexer and DAQM909A 4-channel digitizer modules
- **NEW** DAQM909A 4 channel simultaneous sampling digitizer module, up to 800 kSa/sec sample rate

Modules for DAQ970A and DAQ973A Systems

Description	Modules	Key specifications
20-channel solid-state multiplexer	DAQM900A	Up to 450 ch/s
20-channel multiplexer + 2 current channels	DAQM901A	Armature 2/4 wire, 60 ch/s (80 ch/s for DAQ970A), up to 300 V, 1 A
16-channel multiplexer	DAQM902A	Reed 2/4 wire, 250 ch/s, up to 300 V, 50 mA
20-channel actuator/GP switch	DAQM903A	SPDT/Form C, 120 ch/s, up to 300 V, 1 A
4x8 matrix	DAQM904A	Armature 2-wire, 120 ch/s, up to 300 V, 1 A
2 GHz, dual 4-channel, RF mux, 50Ω	DAQM905A	Common low (not terminated, 60 ch/s up to 42 V, 0.7 A
Multifunction module	DAQM907A	Two 8-bit digital I/O ports, up to 42 V, 400 mA 26-bit 100 kHz event counter, up to 42 V Two 16-bit analog outputs, up to ±12 V, 10 mA
40-channel single-ended multiplexer	DAQM908A	Common low (no 4-wire meas.) 60 ch/s (80 ch/s for DAQ970A), up to 300 V, 1 A
4-channel simultaneous sampling digitizer	DAQM909A	Differential inputs, up to 800kSa/s sampling rate, 24-bit resolution