

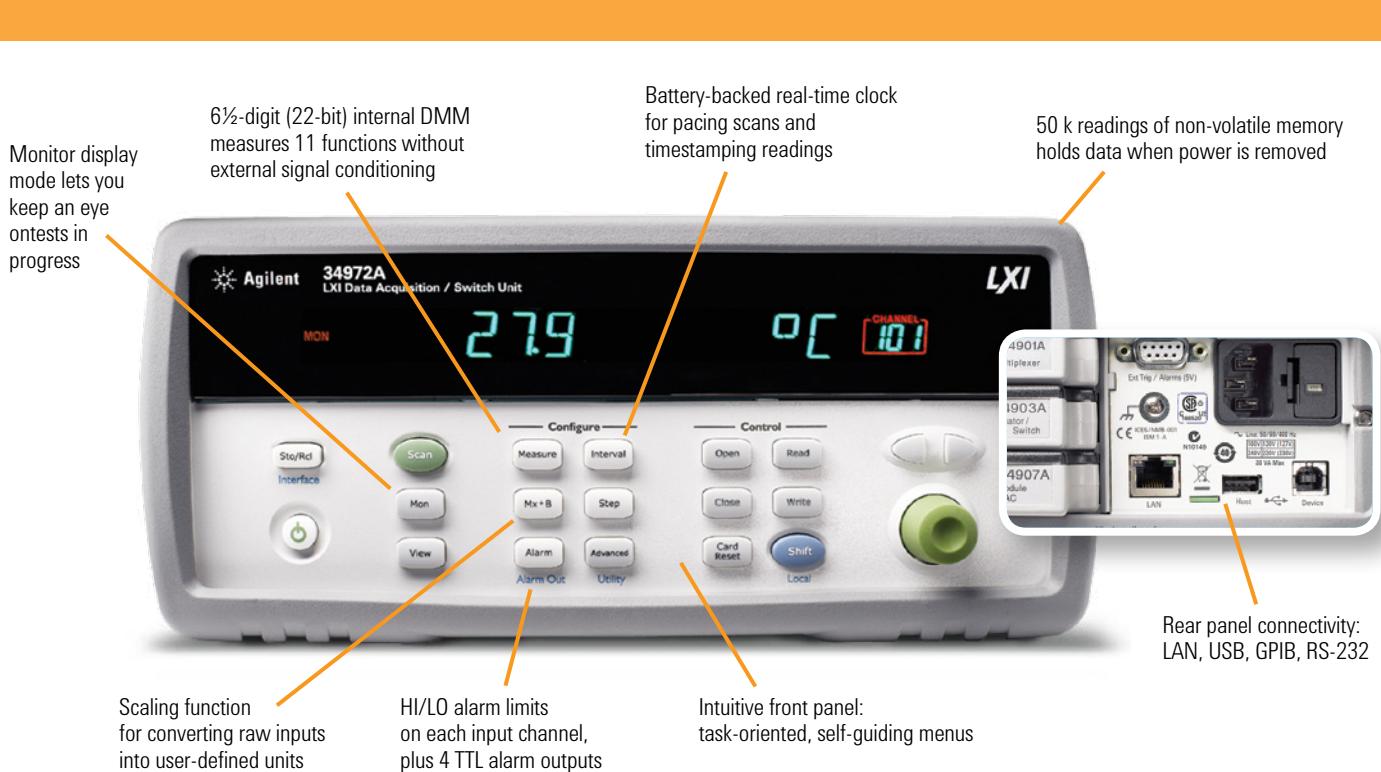
# Agilent 34972A

Acquiring data just got easier...  
on the bench, on a network  
and in the field

- One less step between you and your data
- More ways to control and save your measurements
- The latest in Agilent's data acquisition family



Agilent Technologies



## 8 Measurement Cards to Choose From

	34901A	34902A	34903A	34904A	34905A	34906A	34907A	34908A
<b>Description</b>	20-channel multiplexer	16-channel multiplexer	20-channel actuator/GP switch	4x8 matrix	Dual 4-channel RF mux, 50 Ω	Dual 4-channel RF mux, 75 Ω	Multifunction module	40-channel single-ended
<b>Type</b>	2-wire armature (4-wire selectable)	2-wire reed (4-wire selectable)	SPDT/Form C	2-wire armature	Common low (unterminated)	Common low (unterminated)	Two 8-bit digital I/O ports	40-channel single-ended multiplexer
<b>Speed (ch/sec)</b>	60	250	120	120	60	60	N/A	N/A
<b>Max voltage</b>	300 V	300 V	300 V	300 V	42 V	42 V	42 V	±12 V
<b>Max current</b>	1 A	50 mA	1 A	1 A	0.7 A	0.7 A	400 mA	N/A
							10 mA	1 A

## Agilent's Scalable Family of DAQ and Switching



### MODULARS

- 16-bit, 3 MSa/s per channel, simultaneous or multiplexed
- 10 V analog, 24 V digital input
- Analog/digital I/O and timer/counters
- Controlled through USB individual modules or in chassis
- 15 different module options

### 34972A and 34970A

- 22-bit, 300 ch/s
- 300 V input
- Standalone operation
- LAN, USB, GPIB or RS-232
- 8 measurement card options

### 34980A

- 22-bit, 1000 ch/s
- 300 V input
- Standalone operation
- LAN, USB or GPIB
- 16 measurement card options



Agilent Technologies