

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

101 (VDC)
793900E-03
367400E-03
322200E-03
530800E-03
396500E-03
247000E-03
538100E-03
069100E-03
561000E-03
476800E-03

ing to service trained personnel

Ext Trig / Alarms (SV)

LAN

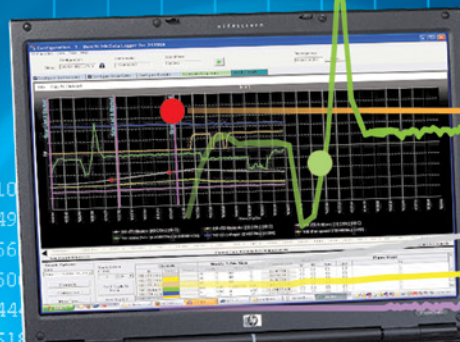
Host

Device

Line fuse

NEW

Agilent
&
Our Distributor Network
RIGHT Instrument.
RIGHT Expertise.
Delivered RIGHT Now.

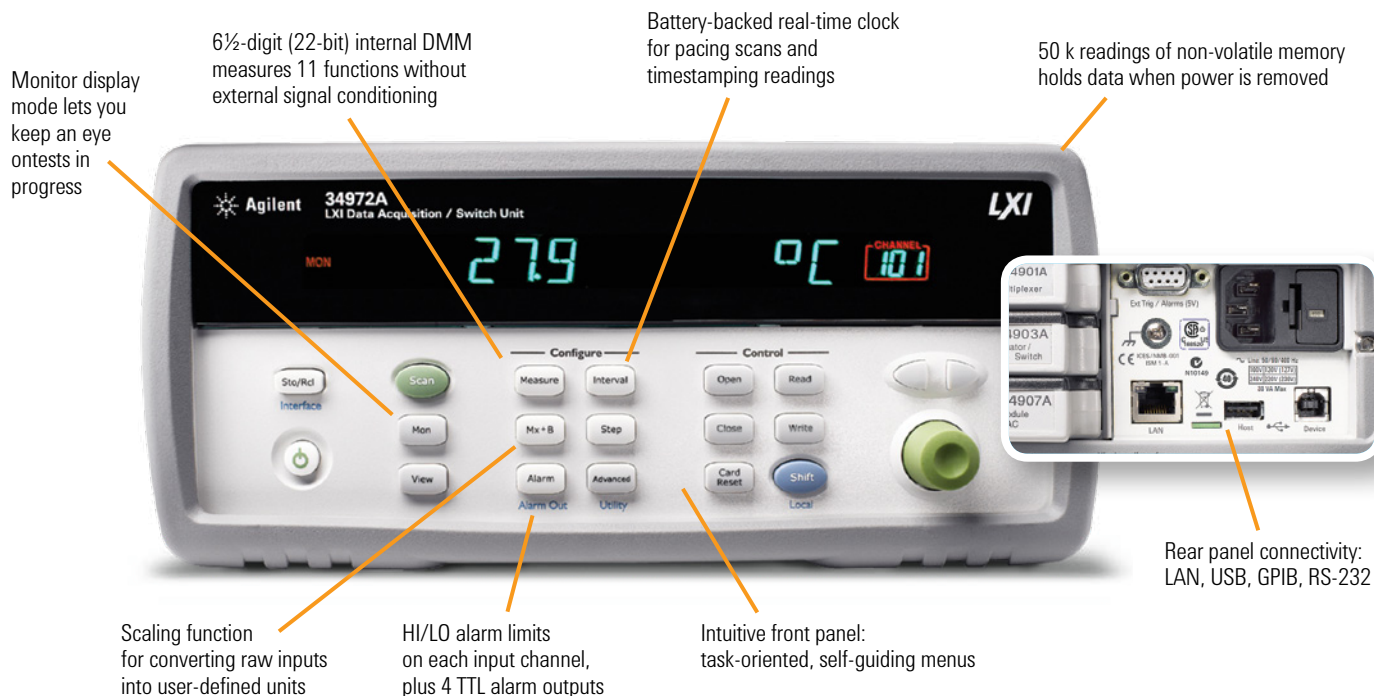


Elapsed Time: 00:02:04.824 Of 00:02:04.824

Channels			Modify Y-axis View				<input type="checkbox"/> Current Data	<input type="checkbox"/> Markers <input type="checkbox"/>		
ID	Color	Graph	Scale Y		Move Y Ref		M1	M2	Data	Limit
101 <T1-Heater			10	C	60	C	37.46700 C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
102 <T2-Heater			10	C	60	C	28.71600 C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
103 <T5-Amb			10	C	60	C	25.36700 C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
104 <Solar C			0.5	VDC			1.046385 VDC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
107 <V+ volts			5	V			VDC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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8 Measurement Cards to Choose From

	34901A	34902A	34903A	34904A	34905A	34906A	34907A			34908A
Description	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
Type	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	26-bit, 100-kHz event counter	Two 16-bit analog outputs	40-channel single-ended multiplexer
Speed (ch/sec)	60	250	120	120	60	60	N/A	N/A	N/A	60
Max voltage	300 V	300 V	300 V	300 V	42 V	42 V	42 V	42 V	±12 V	300 V
Max current	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



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