

# Data Sheet

## Handheld IC Testers Models 570A and 575A

Model 570A analog and model 575A digital IC testers are compact, handheld, battery powered testers offering advanced functionality and ease of use. The 2-line x 16 character dot matrix LCD shows the result of the test as a PASS or FAIL, together with individual pin diagnostics and test modes. Both units contain extensive built-in test libraries.

The 570A analog IC tester's built-in test library includes all common analog ICs including op-amps, comparators, voltage regulators, voltage references, analog switches and multiplexers, opto-isolators and opto-couplers, and audio ICs.

The 575A digital IC tester's built-in test library includes a broad range of TTL, CMOS, memory, LSI, interface and other IC devices of up to 40 pins.

### Model 570A Features

- Auto identification mode
- Conditional/Unconditional loop testing mode
- Functional test unit emulates passive circuitry to implement a comprehensive test in a variety of configurations and gain settings
- Displays diagnostic information for individual component pins
- Built-in membrane keypad, 2 x 16 dot matrix alphanumeric LCD, and high quality 16-pin ZIF socket
- Battery operated

### Model 575A Features

- Comprehensive device library covers most TTL, CMOS, memory, and interface devices
- 40 pin capability (NAND gates or CPUs)
- Identifies unmarked and house-coded devices
- Detects intermittent and temperature related faults
- Displays diagnostic information for individual pins
- Battery operated



Model 575A

Specifications		570A	575A
Power Sources	Batteries	4 x 1.5V AA	
	DC Input	6V, 850 mA max. regulated	
Power Consumption	Power Off	10 $\mu$ A	
	Standby	30 mA	
Test Thresholds		Logic High: 2.2 V Min. Logic Low: 0.8 V Max.	Variable (DAC controlled)
Library ICs		Operational Amplifiers, Comparators, Operational Amplifiers / Comparators, Voltage Regulators, Voltage References, Analog Switches / Multiplexers, Transistor Arrays, Optoisolators / Optocouplers, DACS / ADSC, Special Functions ICs, Virtual Grounds, Audio ICs	Series 54/74 TTL ICs, CMOS ICs, Memory ICs, Interface, Peripheral, Microprocessor & LSI ICs (75000 series, ULN2000 series, DS8800 series, 8T series, 8200 series, 25/26/29 series, MC6800 series, MC3400 series, Z80 series, MC6500 series, Intel 8000 series, etc.)
<b>One Year Warranty</b>			

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