

### Data Sheet

#### Model 570A

Linear IC Tester

#### Model 575A

Digital IC Tester

The Model 570A Analog and Model 575A Digital hand held IC Testers are compact, hand held, battery powered testers offer 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, test made, and possible equivalents. Both units contain extensive built-in test libraries.

The Model 570A Analog IC Tester's built-in test library includes all common Analog ICs including op-amps, comparators, voltage regulators, voltage references, analog switches & multiplexes, opto-isolators & couplers, and audio ICs. The Model 575A Digital IC Tester's built-in test library includes a broad range of TTL, CMOS, memory, LSI, interface and other devices of up to 40 pins. Proven test software, Continued.



#### 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 down to individual component pins
- Rugged, hand held, battery operated
- 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

Specifications		models	
	570A	575A	
<b>POWER SOURCES</b>			
BATTERIES	4 x 1.5V AA		
DC INPUT	6V, 300mA max. regulated		
<b>POWER CONSUMPTION</b>			
POWER OFF	10µA		
STANDBY	30mA		
TEST THRESHOLDS	Logic High: 2.2V Min. Logic Low: 0.8V 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 (75... series, ULN2... series, DS88... series, 8T series, 82... series, 25/26/29... series, 8MC68... series, MC34... series, Z80... series, MC65... series, Intel 80... series, etc.)	

\* Please contact factory for the complete IC support list.

Specifications subject to change without notice