

CALTEK DIGITAL IC TESTER DIT-2040



It is microprocessor based digital IC tester from Minmax Electronics .Its functionality tests a variety of digital ICs including Microprocessor, Peripheral IC's, EPROMs, RAMs etc., apart from the standard 74 & 54 series of TTL ICs and 40 & 45 series of CMOS ICs.

Digital IC Tester (MME-DIT 2040)

Specifications:

Package: Digital ICs of 14, 16, 18,20,24,28 & 40 pins dual in line.

Range: Tristate, Open Collector & Bidirectional TTL/CMOS ICs.

Method: Truth table comparison.

Sockets: 20 and 40 pin ZIF.

Keyboard: 24 feather touch keys.

Display: 16 digit 0.5" Seven segment LED display.

Voltage: 230 volts + 10% 50Hz, AC

Enclosure: Sheet metal box with power coating and engraving

Dimensions: 31*30*8 cm³.

Weight: 4.5 Kgs approximately.

Features :

No personality cards/reference IC/IC data required

Automatically testing of IC's at 4.75 & 5.25V to locate marginally bad ICs

CONTinuous mode for testing ICs until ABORTed. Number of times the test was successful is displayed.

STEP mode to locate faulty pin through discrete LED's for ICs up to 20 pins.

Auto Search to find the number of unknown good digital IC with facility to locate its functional equivalents for ICs up to 20 pins.

Memory test for EPROM indicates non blank location address with data content. For RAMs bad location address is displayed.

Buzzer to indicate bad IC

Separate field for display of mode of operation(ONE/CON/STP).

Current drawn is displayed in a separate field for GOOD ICs.

Backspace, clear and double digit entry keys for editing IC number.

Remembers IC Numbers for repeated testing of same IC.

SELFTEST facility during power ON and through keyboard.

Potential free 20 pin and 40 pin ZIF(Zero Insertion Force) sockets.

Protection against wrong insertion of IC under test.