



OMEGA TYPE CT-series Component Testers are useful for testing of a large variety of components in a very short time duration. Details of Individual Testers are as follows:

Sr. No.	NAME OF EQUIPMENT	INDICATION	FEATURES	OMEGA TYPE
01	CRYSTAL TESTER	For good crystal Indicator will glow but for bad crystal it will not glow.	1. Designed to test any type of crystal Of frequency 1MHz to 1000 MHz. 2. Crystal socket type HC-6/U and two crocodile clips are provided.	CT-151
02	DIODE TESTER	Two LED's are provided showing: Open Diode - If both LED's are OFF. Short Diode - If both LED's ARE ON. Good Diode - If one LED glows. Leaky Diode - If one glows fully & other dim.	1. Indicates whether diode is open circuit, short circuit & if working, its polarity. 2. Silicon & Germanium, both types of diodes can be tested.	CT-152
03	ZENER DIODE TESTER	Zener voltage indication by Voltmeter.	1. Zener voltage range upto 22V at seven different Zener currents in the range of 2.22, 6, 8.2, 22.2, 24.4, 28.2 & 30 mA.	CT-153
04	LED TESTER	Two LED's are provided showing: Open LED - If both LED's are OFF. Short LED - If both LED's are ON. Good LED - If one LED glows.	1. Two crocodile switches are provided. 2. Ordinary Diodes can also be tested in same way.	CT-154
05	TRANSISTOR TESTER	For good Transistor LED marked GOOD will glow and for bad Transistor LED marked BAD will glow.	1. One Transistor socket and three terminals are provided. 2. DPDT switch decides NPN or PNP transistor.	CT-155
06	U.J.T. TESTER	For good U.J.T. the needle of the meter shoots up to a max. position indicating intrinsic stand off ratio and just flips back. For bad specimen either the needle will be held or don't flip back	1. Gives intrinsic stand off ratio of U.J.T. under test. 2. A socket & a meter are provided 3. All U.J.T.'s can be tested.	CT-156

GENERAL FEATURES

- 01 All the units are self contained & require no other apparatus.
- 02 All the units are operative on 230V \pm 10% at 50Hz A.C. Mains.
- 03 Strongly supported by detailed operating Instructions.
- 04 Unit housed in a metal cabinet with processed digital printed on vinyl on aluminum panel.
- 05 Weight : 1.5 Kg. (Approx)
- 06 Dimension : W 165 x H 100 x D 130

CONTINUE-----2

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

OMEGA ELECTRONICS

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07.	F.E.T. TESTER	For good FET, the meter vibrates continuously between a maximum position to a minimum position. For a bad FET, either there is no response in the meter or it holds at one point	<ol style="list-style-type: none"> 1. An ammeter and three crocodile clips are provided. 2. Designed to test almost all FET's. 	CT-157
08.	S.C.R. and TRIAC TESTER	<ol style="list-style-type: none"> 1. Mode switch to D.C. position : With good specimen under test, on pressing the push button, the indicating lamp lights on continuously. For leaky specimen the light will be partially glowing even without pressing the push button. For a short & bad specimen the light will be glowing fully even without pressing the switch. 2. Mode switch to A.C. position: In this case the glow of lamp will be half on test, by pressing the push button. 	<ol style="list-style-type: none"> 1. Designed to test SCR and TRIAC for good, bad and leaky. 2. One socket and three terminals are provided. 	CT-158
09.	555 TIMER TESTER	Two LED's are provided showing: I.C. good - if LED's flash ON & OFF. I.C. bad - if only one LED glows.	<ol style="list-style-type: none"> 1. Test frequency is 0.5 Hz. 2. Two I.C. bases are provided one round & other flat. 	CT-159
10.	OP-AMP TESTER	Two LED's are provided showing: I.C. good - if LED's flash ON & OFF I.C. bad - if only one LED glows.	<ol style="list-style-type: none"> 1. Useful for reliable testing of 741 and equivalent pin connection Op-Amps. 2. One round, two 8 pin & 14 pin I.C. Bases are provided. 	CT-160
11.	IN CIRCUIT TRANSISTOR TESTER	Two LED's are provided showing: Good transistor- if either of LED's glow indicating NPN/PNP. Bad transistor if both LED's flash extinguish.	<ol style="list-style-type: none"> 1. Useful upto circuit Impedance of 40 Ohms. 2. Testing of suspected transistor can be done without unsoldering from the circuit. 3. Terminals with crocodile clips with lengthy wires are provided. 	CT-161
12.	THREE TERMINAL VOLTAGE REGULATOR TESTER	For good regulator, O/P voltage will be as specified and output current will vary on varying load. For bad regulator, O/P voltage will be less than specified and current will be constant even after variation of load.	<ol style="list-style-type: none"> 1. 0-30V variable D.C. Power supply provided for input to regulator. 2. A Voltmeter / Ammeter is provided with mode selected by band switch. 3. A variable load provided to load the regulator. 4. I.C. sockets & terminals provided 5. All voltage regulators of 78/79 series can be tested. 	CT-162

GENERAL FEATURES

- 01 All the units are self contained & require no other apparatus.
 - 02 All the units are operative on 230V \pm 10% at 50Hz A.C. Mains.
 - 03 Strongly supported by detailed operating Instructions.
 - 04 Unit housed in a metal cabinet with processed digital printed on vinyl on aluminum panel.
 - 05 Weight 1.5 Kg. (Approx)
 - 06 Dimension : W 165 x H 100 x D 130
- CT-162. Weight 3 Kg. (Approx) Dimension : W 340 x H 125 x D 210

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