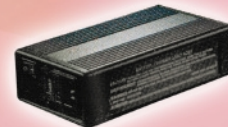


3610C Automatic Power Supply Tester For Single Output Power Supplies, Adapters and Chargers

Up to 8 pcs UUT can be tested simultaneously (need 8 sets of 3610C)



charger



Battery



Adapter

Output Voltage: 0 ~ 280Vrms (step : 1Vrms)
Output Voltage Angle: 0 ~ 360° (step : 1°)
Output Frequency: 45 ~ 499Hz (step : 1Hz)

Test Functions :

1. Hold-On Adjust
2. Load Regulation
3. Line Regulation
4. Combined Regulation
5. Efficiency
6. P-P Noise (PARD)
7. Set-up / Hold-up time
8. OVP
9. OCP
10. Short

Features :

- ◎ Test programs can be edited on a PC with the 9038C Application Software (Windows™ version) and downloaded to the 3610C for save and run.
- ◎ Large LCD display shows test parameters, test results and model tracking information for the unit under test.
- ◎ Built in hardware and software enables the 3610C to function as a stand-alone tester. PC assisted automatic testing is also possible.
- ◎ Test reports can be printed out directly or stored in a PC via RS232 interface. Test data can be transferred to Excel™ file format for report customization.
- ◎ Optional Twin Testing Fixture is designed to increase U.U.T. throughput.

3610C Automatic Single Output Power Supply Tester

Key Features

- The 3610C is able to test power supply input, output, noise timing and protection features. Load and line regulation can be tested separately or in combination. Static analysis with V-out% and PARD% can also be provided. As many as 30 test programs can be stored in the 3610C.
- Testing can be done either automatically or in a step-by-step mode. Automatic testing is typically used in high throughput testing applications. Step-by-step testing is used for checking test settings or U.U.T. functions.
- The 3610C uses the latest in Electronic Calibration technology. System software is stored in FLASH memory and can be upgraded via the RS232 interface. Users can request updated software versions as they are made available from Prodigit via e-mail. Updated versions can be downloaded directly to the tester.
- The 3610C has a built in EEROM to store test programs and a large LCD display to show the PASS/FAIL function of the U.U.T. Test data can be printed out directly without using a computer or can be downloaded to a PC.
- Load Regulation, Line Regulation, and Combined Regulation test results provide static analysis for V- out and PARD percentages.

3610C Specification

Electronic Load

Input Rating	Power	75W
	Current	0-15A
	Voltage	60V
CC Mode		0 ~ 15A
Accuracy		±0.2% of (Setting + Range)
CR Mode		0.213-4-15KΩ
Accuracy		±0.2% of (Setting + Range)
CV Mode		0~60V
Accuracy		±0.1% of (Setting + Range)
CP Mode		0 ~ 75W
Accuracy		±0.5% of (Setting + Range)
DVM		0.000~20.000 / 20.00~60.00V
Accuracy		±0.05% of (Reading + Range)
DAM		0.000 ~ 15.000A
Accuracy		±0.2% of (Reading + Range)
PARD @ 0.2,20MHz		0.000-0.500Vp-p Res. 1mV
Accuracy		± (2% of Reading + 5mV)
Protection Testing		
OVP Voltage Source		0.00 ~ 24.00V@4A
Accuracy		±0.2% of (Setting + Range)
Over Current Test		15A
Short (Programmable)		Electronic+relay

General :

- Input AC Power : 115/230Vac±10%
- AC Source Input Power : 115 / 230Vac±10%
- Weight : 3610C / 15.5kg, 5300 / 15.5Kg
- Dimensions :
483(W) x 177(H) x 445(D)mm--3610C
440(W) x 98(H) x 440(D)mm--5300

Accessories :

- Power Cord : 2 pcs
- 9038C Application Software : 1 pc
- Operation Manual : 1 pc

Order Information :

- 3610C : (75W) ATX Single Output Power Supply Tester (include 5300)

Application

- The 3610C is ideally suited for confirming electronic component specifications and functions for a broad range of power supply applications. Including: single output power supplies, mobile phones, battery chargers, adapters for notebook computers, PDA's, digital cameras, scanners, ADSL modems, printers, and electronic dictionaries.
- The optional 9901 Integrated Twin Test Fixture was designed for production applications. It integrates a dual U.U.T. fixture, START/STOP control key, PASS/TESTING/FAIL indicator and FAIL alert with adjustable volume. The dual test fixture allows continual testing which increases throughput volume. One unit will be testing while the user removes a tested unit and replaces it with a new unit to be tested.
- User friendly Windows™ version 9038C software provides custom operation interface than allows editing of test parameters, uploading, downloading and printing of test data, 3610C operating system upgrades, and multi password protection.
- Max. configuration for 8 pcs U.U.T test simultaneously needs 8 sets of 3610C. The test values and result can be displayed at the same time to have highly test efficiency.

AC Power Specification

Output	Voltage	0 ~ 280Vrms (Step:1V)
	Volt. Angle	0 ~ 360° (Step:1°)
	Frequency	45 ~ 499Hz (Step:1Hz)
AC Voltage Meter		0.0 - 300.0 Vrms
Accuracy		±0.3% of (Reading + Range)
AC Current Meter		0.000 ~ 1.000 Arms
Accuracy		±0.5% of (Reading + Range)
AC Power Meter		0 ~ 10W / 0 ~ 100W
Accuracy		±0.5% of (Reading + Range)

Timing measurement and control

Set-up/Hold-up Time	0-9999ms
Accuracy	±1ms
Threshold Voltage	Vth
Input Range	0-60V
Setting Range	0.5-60.00V
Auto/Step Testing Time	
Tmeas.1-Tmeas.32	500.0ms-20Sec
Tdelay.1-Tdelay.32	0.0ms-20Sec

Options :

- 9901 : Integrated Twin Test Fixture
- OVP Power Source : 0.00 ~ 60.00V@2A
- Universal Test Fixture
- 9932 : Remote Interface Key Pad (File▲▼、START、STOP)



9901

PRODIGIT
INSTRUMENT PROFESSIONAL

Prodigit Electronics

8F., No.88, Baojhong Rd., Sindian City, Taipei County 231, Taiwan, R.O.C.
TEL: 886-2-29182620 FAX: 886-2-29129870