

Integrated Power Supply Testing System



Overview

This Power Supply Test System is a configurable turnkey ATE solution designed for automated functional testing of AC/DC power supplies, generator control units, avionics, and related electronics. The Procyon PTS 2100-10 is a configurable turnkey Power Test System, delivering automated test equipment (ATE) to some of the world's largest-volume manufacturers as well as the affordability needed by niche market producers Aerospace, defense, and avionics power supply ATE test systems. Power supply is widely suited for modern electronic products and needs to have certain anti-interference ability, isolation function and protection function in use. Different countries and regions have a series of certification standards for various power sources entering the market to ensure. The CORTEX Series Programmable AC Power Source (formerly PRE / PRE-20) is a rack-mount, modular AC power system with integrated source-load functionality for precision AC power testing. The rapid expansion of data centers, largely driven by artificial intelligence (AI) workloads, has. Chroma Power Electronics Test Solutions not only apply in the industries of Information Technology, Communication, Aerospace and National Defense, but also in energy efficient products such as Hybrid Automobiles, LED luminance devices, solar and fuel cells that are developed aggressively under the. Use this selector tool to quickly identify the best power supply for your aerospace and defense ATE requirements. 3D Interconnect Designer provides a flexible modeling and optimization environment for any advanced interconnect structure, including chiplets, stacked die, packages, and PCBs.

Article Content

Oct 25, 2025

10 Best PSU Testers for PC Builds: Ensure Your System Runs Smoothly

With compatibility for ATX, ITX, and BTX systems, this tester's durability and ease of use make it perfect for quick diagnostics on various connectors, from SATA to PCI-Express. Best For: PC

Dec 10, 2025

Power Supply Innovation and Battery Testing Systems

Whether for laboratory-scale validation, production line testing of battery packs, or integrated battery and charging system evaluation, these

Sep 27, 2025

Power Supply Test

FT600 power supply test system Open, standards-based architecture Configurable for standard and custom power supply tests Uses standard Keysight instrumentation Keysight VEE Pro plus FineTest

Jul 31, 2025

SWITCHING POWER SUPPLY AUTOMATIC TEST SYSTEM

The Chroma Automatic Power Supply Test system Model 8000 is the ultimate solution for power electronic testing. The system includes a wide range of hardware choice such as AC/DC Sources,

Jun 21, 2026

Chroma Power Electronics Test Solutions

The systems can be used to test PC/Servo/Telecom power supplies, adapters, chargers, backlight inverters, LED power drivers, UPS's, PV Inverters, and EV chargers. With technical support groups

Jul 04, 2025

Power supply testers from ElectricalTestTek

Power supply testing is essential for validating voltage stability, current delivery, ripple, and protection mechanisms. This page provides an in-depth review of power supply testers—detailing their core

Nov 30, 2025

automated Test System Power Infrastructure

Introduction Powering an automated test system, or automated test equipment (aTE), is different from powering the PC and lamp on your desk. Test systems are composed of many heterogeneous

Mar 23, 2026

Chroma 8000 Server PSU/Rectifier Automated Test System

Server PSU/Rectifier Automated Test System Model 8000 AI servers depend on powerful and reliable Power Supply Units (PSUs) for stable operation. The PSU plays a critical role by converting AC

Apr 22, 2026

Chroma 8000 Switching Power Supply ATS

Chroma 8000: Flexible, powerful & cost-effective power supply testing system with pre-written test items & unique test command optimization tech.

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Power Supply Test | Keysight

With FineTest's power supply test systems built around Keysight's instrumentation and software you can now make reliable, repeatable and automated

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Power Supply Test

Power supply test systems are available on a variety of different language platforms including Keysight Technologies VEE Pro. Keysight VEE Pro in conjunction with

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Electrical Functional Test Station

Test Station Architecture and Requirements A functional test station is an integrated set of hardware and software that measures, analyzes, and publishes data confirming that a product or component has

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FaithTech AI Server Power Supply Test System Solution

FaithTech provides a complete test solution for server power supply PSUs to simulate operating conditions such as high-speed, wide dynamic range current changes to meet PSU testing

Jul 17, 2025

Chroma Power Electronics Test Solutions

Chroma has a wide variety of instrumentation including AC Power Sources, DC Power Supplies, DC Electronic Loads, AC Electronic Loads, Digital Power Meters, and Automatic Test Systems that are

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Power Supply Test System

Intepro provides turnkey, customizable solutions including test fixtures, Integrated Test Assemblies (ITA's) and test programs for power supply test. Where high speed is required, Intepro has provided

Jan 22, 2026

Atlantic International University

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Feb 26, 2026

Integrated and Redundant Power Supply for Data Centers

Our testing, certification, field evaluation and verification services can help you demonstrate the safety, performance and compliance of data

Nov 28, 2025

Verify Thousands of Devices Every Week With System

A system power supply's stable output is essential for thorough corner-case and stress testing using automated test equipment. The

Aug 24, 2025

Switching Power Supply ATS mod. 8000

The Chroma Power Supply Automatic Test system Model 8000 is the ultimate solution for power electronic testing. The system includes a wide range of

Jun 05, 2026

Power Supply Test-Welcome to ITECH

ITECH power test solutions are suitable for testing in areas, such as various AC and DC power supplies, chargers, communication power supplies, photovoltaic inverters, LED drive sources, car chargers,

Jan 22, 2026

CORTEX Series AC Power Source | Component-Level

The CORTEX Series Programmable AC Power Source (formerly PRE / PRE-20) is a rack-mount, modular AC power system with integrated source-load functionality

Nov 26, 2025

Trends in Automated Power Supply Testing

The repetitive nature of power supply test and the need for accuracy, repeatability, and documentation make it a prime candidate for automation. Today's leading

Nov 05, 2025

Custom Power Supply Integrations for Automated Test

Boost your testing capabilities with our custom power supply integrations. We offer a range of automated test systems, including OEM power supplies, AC stimulus,

Dec 25, 2025

Automated Test Systems for Power Supply Production

Automated test systems are transforming power supply production, offering manufacturers a way to enhance quality, efficiency, and reliability. While challenges remain, the

Apr 30, 2026

Product Overview

The right solutions for your power supply testing needs include: Custom harness interfaces to integrate with your devices Data acquisition units for advanced

Mar 11, 2026

Power Supply Test System < Chroma

From power conversion to battery to electrical safety, our test systems will maximize your time, improve your validation process, and increase your throughput. High

Jan 12, 2026

Power Supply Test

The power supply test systems can use a wide variety of Keysight equipment including the 3499A and 34980A switches, 33220A function generator, 34401A DMM, DSO5000 series oscilloscope, 6800

Mar 30, 2026

Developing a High-Voltage, Multi-Output Power Supply Test System

The Challenge: Developing an automated test system for board level and fully-assembled functional testing of a multi-output, high-voltage power supply used in medical imaging equipment.

Aug 21, 2025

Power Supply Test System < Chroma

Power conversion within an electric vehicle (EV) includes AC or DC EVSE (EV Supply Equipment), onboard charger, DC-DC converter, and motor driver.

Jan 07, 2026

Power Supply Test System for Manufacturers

Intepro's Procyon test systems are built around industry-standard open architecture hardware platforms that enable integration of commercial off-the-shelf (COTS)

Contact Us

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