

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

The Wayback Machine - https://web.archive.org/web/20121117081703/http://www.inttechcorp.com:80/Test_Equipment/IT…

ITC55180
DataSheet
ITC55350
DataSheet
ITC55 Product
Series
DataSheet
ITC55100
DataSheet
Specifications
ITC55100C
DataSheet
ITC55300
DataSheet
Specifications
ITC59000
DataSheet
Specifications
ITC59100
DataSheet
Specifications
ITC59 / 55
DataSheet
ITCWPS
DataSheet
Specifications
Load Boxes
ITC5514A
ITC5514B
ITC5515
ITC5516
ITC55140
ITC57300
DataSheet
Specifications

ITC5730 Dynamic Parametric Test System



The ITC5730 Dynamic Parametric Test System mainframe accepts Test Heads that perform nondestructive transient measurements on semiconductor devices such as Insulated Gate Bipolar Transistors (IGBT), power MOSFETs, diodes, and other bipolar devices. Included in the mainframe are all test equipment and software necessary to analyze and perform switching time, switching loses, gate charge, Trr/Qrr, and other transient tests.

Test Heads, which are designed for a specific type of transient test, mate to a special Test Head Receiver on the mainframe. While Test Heads are designed to perform only one specific test, personality boards within each Test Head reconfigure the Test Head for a specific device, device package, and various device circuit arrangements.

Capabilities

- Test voltage: maximum of 600 Vdc at 150 A
- Timing Measurement: minimum of 1 ns
- Drain Current Limit Monitor

Options

- Scope Substitutions
- Function Generator
- Input AC Power
- Additional Power Supplies
- Additional Test Heads
- Large Package Adapters

Test Heads

- ITC5721 - Switching Time for N- and P-channel Power MOSFETs, MIL-STD-750, Method 3472
- ITC5722 - Trr/Qrr for power, MOSFETs and Diodes, MIL-STD-750, Method 3473
- ITC5723 - Gate Charge for power MOSFETs,MIL-STD-750, Method 3471

System Features

- Easily Changeable Test Heads
- Automated Testing at Different Parameters
- Ruggedized PC Compatible Computer
- User-Friendly Menu Driven Software
- Programmable Test Output Bins
- Spreadsheet Compatible Test Data
- Selectable Internal Inductance Loads
- GPIB Programmable Test Equipment
    - Tektronix TDS340A Digitizing Oscilloscope
    - HP8112A Pulse Generator
    - EMI TCR600S1.6 Power Supply

Safety Features

- Test Head High-Voltage Interlock
- Receiver High-Voltage Interlock
- High-Speed Drain Supply Switch

Copyright 1987-2010 Integrated Technology Corporation. All Rights Reserved.
ITC is committed to protecting your privacy
Site Problems or Suggestions: Contact: webmaster

- **ITC5230**
  - DataSheet
  - Specifications
- **Test Accessories**
  - ITC55HVD1
  - ITC55MTS220
  - ITC55MTSAXR
  - ITC55MTSDGEN
  - ITC55MUX4
  - ITC55RSF
- **Literature**
- **Application**
  - Notes
  - FAQs
- **Events**

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP