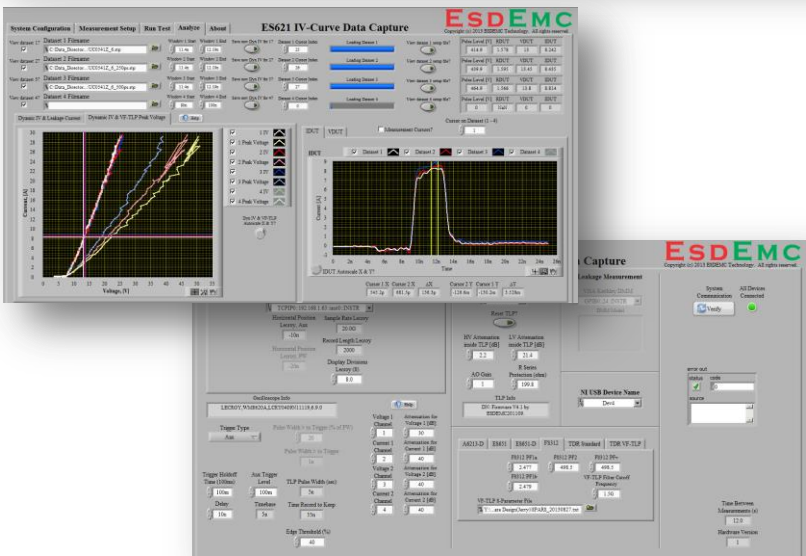
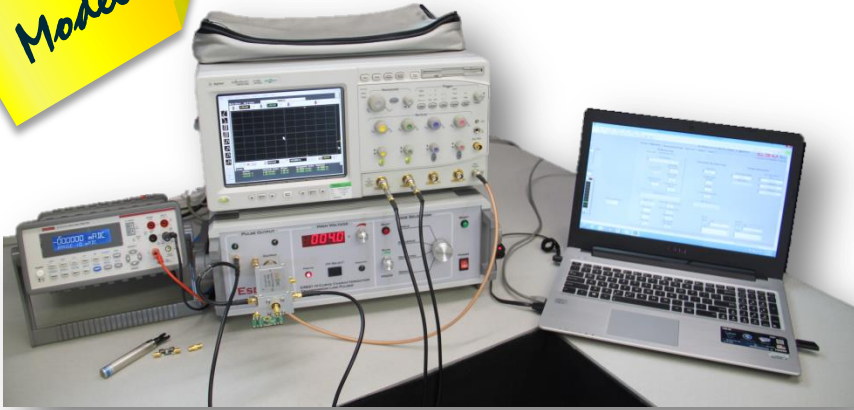


NEW Models



TLP/VF-TLP/HMM

**ESD Current Injection
up to 120A,
160A and 200A
Coming Soon**

**TLP, VF-TLP, HMM and
Generator**

**X 7 Programmable
Rise Time
X 7 Programmable
Pulse Width
(* ES621-30 only)**

**Meets standards
ANSI/ESD STM 5.5.1
ANSI/ESD SP5.2**

**Advanced auto failure
detection methods**

**ESDEMC
TECHNOLOGY LLC**
4000 Enterprise Drive
Suite 103
Rolla, MO 65401 USA

www.esdemc.com
info@esdemc.com

ES621 Series Dynamic IV-Curve Test System

30A, 40A, 60A, 90A, and 120A Models Available

The ES621 Series Dynamic IV-Curve Test System is an advanced IV-curve characterization system designed to simulate ESD events (TLP/VF-TLP/HMM pulse), and monitor a device (semiconductors, circuit modules, etc.) in high power transient moments.



TLP/VF-TLP/HMM Model Comparison and Specifications

Model	ES621-30	ES621-40	ES621-60	ES621-90	ES621-120	ES621-160	ES621-200
Release Date	September 2009	September 2013	July 2013	September 2013	September 2013	Planned March 2014	Planned March 2014
Reflection Pulse Shape	Standard Rectangle	Fast Rising Slow Falling	Standard Rectangle or Fast Rising Slow Falling	Standard Rectangle or Fast Rising Slow Falling	Standard Rectangle or Fast Rising Slow Falling	Fast Rising Slow Falling	Fast Rising Slow Falling
Max Output V (V)	750	1000	1500	2250	3000	4000	5000
Max Injection I (A)	30	40	60	90	120	160	200
Pulse Polarity	Positive & Negative	Positive & Negative	Positive & Negative	Positive & Negative	Positive & Negative	Positive & Negative	Positive & Negative
Pulse Rise-Time Options							
Rise-Time Adjustable Range	100ps to 50ns	100ps to 50ns	300ps to 50ns	500ps to 50ns	500ps to 50ns	500ps to 50ns	500ps to 50ns
External Rise-Time Filter	Available	Available	Available	Available	Available	Available	Available
Programmable Rise-Time Module	Available X4 or X7 options	Available X4 or X7 options	N/A	N/A	N/A	N/A	N/A
Pulse Width Options							
Pulse Width Adjustable Range	1.5ns to 2000ns	1.5ns to 2000ns	5ns to 1000ns	5ns to 500ns	5ns to 200ns	5ns to 200ns	5ns to 200ns
External Pulse Width Extender (Manual)	Available	Available	Available	Available	Available	Available	Available
Programmable Pulse Width Module	Available X4 or X7 options	Available X4 or X7 options	Available	Available	Available	Available	Available
Dynamic IV Curve TLP Function							
Standard IVL Plot Time Window Cursor	Available	Available	Available	Available	Available	Available	Available
Peak Pass IV Plot	Available	Available	Available	Available	Available	Available	Available
Multi-Pulse Stress/Degradation Check	Available	Available	Available	Available	Available	Available	Available
Data Analyzer for Multiple IVL Test Data	Available	Available	Available	Available	Available	Available	Available
HMM Pulse Function							
HMM Type 100Ω	Available	Available	Available	Available	Available	Available	Available
DUT Failure Check Function							
Manual Failure Check Option	Available	Available	Available	Available	Available	Available	Available
DUT Multi Point DC Leakage Test	Available	Available	Available	Available	Available	Available	Available
Single Trace Fuse Test	Available	Available	Available	Available	Available	Available	Available
Trace Pattern Spark-Fuse Check	Available	Available	Available	Available	Available	Available	Available
Customized Specifications and Functions available for all models!							