

# Transient Specialists, Inc.

## Rental Inventory

Effective August 1, 2013



### EM Test Automotive Products

These products test pulse susceptibility in accordance with many of the car manufacturers' requirements. They can handle power inputs of 12 or 24 VDC. They both have freestyle modes in addition to preprogrammed test routines. The coupler in the UCS 200N can be used and controlled by any unit of the LD200N series, VDS series, and PFS 200N series.

**All units available for weekly and monthly rentals.**

Part #	Description	Waveform
LD 200N	Load Dump Generator for SAE J1455, J1113, ISO 7637, etc. with software license	5a and 7
LD200N CLD	Same as above, with Clipped Load Dump	5b
UCS 200N	EFT and microburst generator with coupler for SAE J1113, JASO, ISO 7637, etc. with license	1,2a,3a,3b
VDS 200N30	DC power supply, dips and interrupts unit, DUT to 30 amps, with software license	2b,4
VDS 200N15	DC power supply, dips and interrupts unit, DUT to 15 amps, with software license	2b,4
Autowave	4 channel arbitrary generator and 2 channel transient recorder for use with the VDS200 with a library of standard test routines	BMW, Toyota SAE J1113-2, GMW 3172

### Commercial conducted EMI Surge and EFT Testing

Compact testers for Surge, 100kHz ringwave, EFT and power quality. Pre programmed test routine libraries with manual front panel and remote computer operation.

Part#	Description
UCS500n7	All-in-one Biwave surge to 7kv, EFT to 5.5kv, Ringwave to 6kv, including 300v/16a AC coupler, 300v/10a DC coupler – optional power quality module
UCS500n5	All-in-one Biwave surge to 5kv, EFT to 5.5kv, including 300v/16a AC coupler, 100v/10a DC coupler – optional power quality module

### ESD Simulator to IEC61000-4-2 the dito

The dito is a small hand-held gun that simulates up to 16,500 volts. It has preprogrammed tests for IEC 61000-4-2

Part#	Description
dito	EM Test ESD gun to 16.5kv air, 10kv contact, 150pf/330 ohm network

### EM Test Conducted RF Immunity tester to IEC 61000-4-6, CS114

The CWS 500N1 is a compact single box for testing to conducted RF immunity per IEC 61000-4-6. The CWS500N2 tests for conducted RF per DO160 sec.20 and CS114, as well as, IEC61000-4-6. Several couplers and clamps are available for applying the RF in different applications.

Part #	Description
CWS 500N1	Conducted Immunity test set including 9kHz to 1Ghz signal generator, 80 watt amplifier from 100kHz to 300Mhz, Power Meter, external CDN for coupling to unshielded I/O lines
CWS 500N2	Conducted RF susceptibility test set for DO160 s20, CS114 Incl: F-120-6A injection probe, Attenuators, and 50 ohm resistor
CDN-M2/3/16A	240VAC, 16A coupler for use with the CWS500N
CDN-M5/32A	400VAC, 32A coupler for use with the CWS500N
EM101	EM Clamp .15 to 1,000 MHz, 100 W max

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