



Touchstone® Universal CPE Test Station Technical Specification

Specifications

Physical

Operating Temperature °F (°C) Storage	50 to 104 (10 to 40)
Operating Relative Humidity (Min.-Max.)	10-90% (Non condensing)
Temperature °F (°C)	-40 to 140 (-40 to 60)
Color	Black
Dimensions (W x H x D) in. (cm)	22.1 x 68.0 x 32.4 (56.1 x 172.7 x 82.3)
Weight lbs (kg)	383 (173.7)

Interfaces

RF Interface	Sixteen (16) External 'F' type connectors (8 active, 8 for future growth)
Data Interfaces	Eight (8) 10/100 Base-T Ethernet RJ-45 Eight (8) USB 1.1, Series B Receptacles
Telephony Interface	Sixteen (16) RJ-11
Input Power (nominal):	
NA Variant:	100/120 Vac, 50/60 Hz, 8 amps, NEMA 1-15 Plug
Euro Variant:	220/240 Vac, 50 Hz, 6 amps, CEE7 Plug
Power Interfaces (for UUT):	
NA Variant:	Eight (8) NEMA 1-15 Receptacles, each w/ switch and 2.0A breaker
Euro Variant:	Eight (8) CEE7 Receptacles, each w/ switch and 2.0A breaker
Keyboard	PC PS/2
Keyboard Monitor	17" LCD Flat Panel Monitor
Mouse	PS/2 Mouse
Scanner	PS/2 Barcode Scanner
Printer	Desktop PC Label Printer

Operating Systems

PC System #1	(GUI) Windows XP Professional, Service Pack 2
PC System #2 (Call Agent)	Fedora Core 2 running ALPS v9.1
Cadant C3	SW Version 4.1.0.27, ARRIS CLI Version .02

PC System Details

CPU	Intel 2.0 GHz, 400 MHz FSB, 478 pin, Pentium IV
Motherboard	Pentium IV, 865G chipset, AGP, PCI ATX
Memory	512 MB LP CL=2.5 NON ECC 266 MHz RAM
Drives	Single ATA/133, 7200 RPM, 80 GB IBE Hard Drive 250 MB, internal ATAPI ZIP Drive; 52X, CD-ROM IDE Drive
Interfaces	Two (2) 4-port Ethernet Adapters — Two (2) quad-port, PCI USB Cards One (1) NI PCI-6224 DAQ Card (32 analog + 48 TTL/CMOS digital I/O) Single-port RS232 Interface Card
NI PCI 6224 (DAQ) Analog Input Resolution	16 bit
NI PCI 6224 (DAQ) Input Range	+/- 10v per channel

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Specifications Continued

LC Interface Box

Attenuation	6:1 ratio
Accuracy	+/- 5%
Line Termination	4 REN (NA variant), 1 REN (Euro variant)
Line Multiplexing	8 lines (simultaneous)
Operating Voltage	120 VAC
Frequency Response (Hz)	100 to 5000
Ringing Voltage (V max)	100
Ringing Frequency (Hz max)	100

RF Interface Box

Frequency Range (MHz)	DC to 650
Impedance (ohms)	75
Through Loss (dB)	21.5 (+/- 0.5)
Operating Voltage	12 VDC
Step-to-Step Accuracy (dB)	+/- 0.1 below 30 dB +/- 0.2 below 60 dB +/- 0.3 below 80 dB +/- 0.4 below 95 dB +/- 1.0 below 127 dB

Ordering Information

Part Number	Description
719304	ARRIS Universal CPE Test Station (DOCSIS 2.0, 110VAC 50/60 Hz Power Supply & NEMA 1-15 Plug)
719305	ARRIS Universal CPE Test Station (Euro-DOCSIS 2.0, 220VAC 50 Hz Power Supply & CEE 7/16 Plug)
721180	UCTS Call Automation Testing Upgrade (Includes PERL Modem card, connectors, installation manual and instructions, requires UCTS Release 2.0 software)

Specifications are subject to change without notice.

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