





npany of the Year Award

Key Features

- Thorough T1 testing including BERT, loopcodes, and NIU/CSU emulation
 - VT100 emulation for access to T1, HDSL, HDSL2, HDSL2-4 wire performance statistics
 - Copper option adds in-depth copper measurements including DVOM, graphical TDR, RFA/RFL, and load coil counter
 - Lower repeat rates with automated close out tests, scripting, and pass/fail tests loaded with operator specific thresholds for methods and procedures
 - Modular hardware and software architecture allows easy upgrades and enhancements
 - T-BERD[®] advanced stress patterns, intelligent repeater loop codes, and BERT patterns included
 - Lightweight, rugged, water resistant, and battery powered handheld test instrument
 - NetAnalyst control of Data Network Analyzer test devices

The JDSU HST-3000 is the ideal instrument for testing T1 services with built-in functionality that reduces repeat rates, failures, and kickbacks and ensures that all tests are performed the same way, every time.

Reduced budgets, smaller workforces, and untrained technicians can limit a carrier's ability to promptly provision T1 service. Overcoming these obstacles requires resources that facilitate the efficient and rapid deployment of T1 services regardless of whether the T1 line uses traditional repeaters, HDSL, HDSL2, or HDSL2 4-wire circuits.

Technicians use the HST-3000 optional copper test features to qualify and troubleshoot the circuit, and the T1 test features to bit-error-rate test (BERT) the line and verify the service. With the VT100 emulation feature, the HST-3000 provides instant access to HDSL/2/4 performance statistics. There is no need for technicians to switch instruments or modules; the HST-3000 combines all the tests into one tool with one common interface. The HST-3000 custom scripting feature automates the testing process, ensuring that tests are done completely and thoroughly every time and helps reduce repeat rates and failures by ensuring that the processes used to test are consistent.

With the HST-3000, technicians can complete faster service turn-ups, reduce failure rates, and lower costs, which are all key components to surviving in today's competitive environment.

Functional Overview

Beginning with the construction of the circuit, and throughout the life cycle of the service, operators must verify that customers are receiving the quality they ordered. Whether qualifying the copper before handing the circuit over to an installation and maintenance crew, a technician must run a bit-error-rate test (BERT) to prequalify the circuit to ensure that it will run T1 service error free.

DS1 BERT

To verify proper T1 transmission over a traditional repeatered T1 or an HDSL circuit, a technician needs to test the entire span from the central office to the customer premises. A true end-to-end service test requires stressing the span and verifying the error tolerance of the copper plant and network equipment. The HST-3000 includes the advanced stress patterns of the T-BERD to properly stress the network.



3

Loopback Testing

Preprogrammed HTU-C, HTU-R, doubler, T1 CSU, T1 NIU, and repeater loopcodes enable the HST-3000 to quickly sectionalize transmission problems. In addition, Pairgain, Teltrend, Adtran, Westell, and ADC equipment specific loopcodes, as well as user configurable loopcodes, are supported.

The test set can also emulate T1 customer premises equipment, simulating a CSU or NIU. CSU/NIU emulation allows the test set to be looped up from the central office to verify T1 service across the entire length of the span.

Dual T1 Transmit and Receive

The HST-3000 dual T1 transmit and receive capabilities give the ability to measure timing slips, passively monitor T1 circuits in both directions, and perform drop and insert testing. Using the split screen view in dual monitor mode, a span is easily sectionalized to quickly determine the location of a fault. Drop and insert testing allows the user to BERT single DS0s within a T1, without taking the entire T1 out of service.

HDSL/2/4

Through the test instrument's VT100 emulation feature, technicians can access HDSL and T1 network equipment for equipment configuration, specific performance data measurements, and loop up capabilities, without having to carry a laptop into the field. With JDSU's repeater extender, technicians can also gain access to the circuit at T1 repeaters.

Fractional T1

The HST-3000 performs fractional T1 (FT1) BER tests on selected channels to verify transmission on contiguous and noncontiguous FT1 bandwidth. This allows the technician to verify circuit performance with VF and 577 Hz ID tones at various output levels. In addition, the HST-3000 uses a variety of advanced stress patterns such as 55 octet, T1-DALY, and other long user patterns as recommended by the ANSI T1.403 standard to stress repeatered T1/FT1 circuits.

With its enhanced T1 features and functions, the HST-3000 is the ideal test instrument for technicians to troubleshoot and qualify the line swiftly and effortlessly.

Flexible and Rugged Design

The HST-3000 incorporates a rugged, weather-resistant design and long battery life that are ideally suited for use in the field and its modularity allows for field upgrades to support new testing requirements. The HST-3000 is easily upgradeable with technologies and advanced options that support the changing needs of service installers and its dynamic configurability allows it to be used by different technicians with different responsibilities to perform a wide number of tests. Standard Ethernet, USB, and serial connections offer flexibility to easily download software and offload captured test data.

Specifications

Interfaces	
Dual Tx/Rx T1	Bantam jacks
Optional dual Tip/Ring and	ground
	Color-coded, shrouded 2 mm
	"mini-banana" jacks
10/100 BT Ethernet	8-pin modular
Serial port	BDB9 female via cable (DCE)
USB port	

T1 Specifications

Payload	Full T1, 56k, 64k, Nx56, Nx64
Input impedance	
Bridge	>100 Ohms
Term	100 Ohms ±5%
DSX-MON	100 Ohms ±5%
Receive level	
Bridge	0 to -20.0 dBdsx
Term	+6 to -35.0 dBds
DSX-MON	+6 to -24 dBds
Framing	ESF, SF(D4), SLC-96, unframed
Transmitting timing sou	rces Internal clock
	Recovered clock
Line codes	AMI, B8ZS
Line build out level	0, 7.5, 15.0 and 22.5 dB
	of cable loss at 722 kHz
Line build out tolerance	± 1 dB at 722 kHz
	with LBO or 0 dB
Error insert	Logic, BPV, frame, single, multiple, rate

Physical Specifications

Size (h x w x d)	9.5 x 4.5 x 2.75 in. (241 x 114 x 70 mm)
Weight (with batte	ry) 2.7 lbs. (1.23 kg)
Operating tempera	ture 22° F to 122° F (5.5° C to 50° C)
Storage temperatu	re -40° F to 150° F (-40° C to 65.5° C)
Battery life	10 hrs. typical usage
Charging time	7 hrs. from full discharge to full charge
Operating humidity	/ 10% to 80% relative humidity
Storage humidity	10% to 95% relative humidity
Display	3.8" diagonal, 1/4 VGA, Color Active Matrix
	with backlight (readable in direct sunlight)
General Spec	ifications
Ruggedness	Survives 3 feet (91 cm) drop
	to concrete on all sides
Water-resistant	Splashproof (may be used in heavy rain)
Languages	English, German, French, Spanish,
	Italian, Chinese, Turkish
Keypad	Typical 12-button keyboard



HST3000-BLUET00THBluetooth Wireless Software OptionHST3000-DSL2ADSL2 and ADSL2+ Software OptionHST3000-FRFrame Relay Software OptionHST3000-FIPFTP Software OptionHST3000-IPV6IPV6 Software OptionHST3000-MSTRMultiple Streams Software OptionHST3000-MSTRMultiple Streams Software OptionHST3000-MSTVMicrosoft IPTV Video AnalysisSoftware OptionSoftware OptionHST3000-OPTETHOptical Ethernet Software OptionHST3000-PCMSIGSignalling (PCM) Software OptionHST3000-PCMTIMSTIMS (PCM) Software OptionHST3000-PCMTIMSSoftware OptionHST3000-PCMTIMSSoftware OptionHST3000-PCMTIMSSoftware OptionHST3000-PCMTIMSRemote Operation Software OptionHST3000-PSPulse Shape Software OptionHST3000-SFESpectral Noise Software Option 7HST3000-SFESpectral Noise Software Option 7HST3000-STBasic Rate ISDN S/T (ANSI) Software Option 7HST3000-TIDDSDDS-T1 Software Option 7HST3000-TIDDSDDS-T1 Software Option 7HST3000-TIDDSTransmission Impairments Software Option 7HST3000-TNRVITO0 Emulation Software Option 7HST3000-TNRVITO0 Emulation Software Option 7HST3000-TNBTransmission Impairments Software OptionHST3000-TNDVTI00 Emulation Software OptionHST3000-TNDVTI00 Emulation Software OptionHST3000-TNIMVITO0 Emulation Software OptionHST3000-SIPAdvanced IP Suite –	Software optic	ons
HST3000-DSL2ADSL2 and ADSL2+ Software OptionHST3000-FRFrame Relay Software OptionHST3000-FPFTP Software OptionHST3000-HV6IPv6 Software OptionHST3000-MSTRMultiple Streams Software OptionHST3000-MSTRMultiple Streams Software OptionHST3000-MSTVMicrosoft IPTV Video Analysis Software OptionHST3000-OPTETHOptical Ethernet Software OptionHST3000-PCMSIGSignalling (PCM) Software OptionHST3000-PCMTIMSTIMS (PCM) Software OptionHST3000-PCMTIMSSoftware Option (NC Standard)HST3000-PSPulse Shape Software OptionHST3000-REMOPRemote Operation Software OptionHST3000-SCRIPTScripted Test Software Option 7HST3000-STBasic Rate ISDN S/T (ANSI) Software OptionHST3000-TIDDSDDS-T1 Software Option 7HST3000-TIDDSDDS-T1 Software Option 7HST3000-TVINPTransmission Impairments Software Option 7HST3000-TVINPTransmission Impairments Software OptionHST3000-TVINPVT100 Emulation Software OptionHST3000-TVINPPUIP Signaling Call Controls for UNISTIM Software OptionHST3000S-IPAdvanced IP Suite – PING and Through Mode Support Software OptionHST3000S-IP-VideoIP Video Analysis Software OptionHST3000S-MGCPSCCP MGCP VoIP Signaling Software Option	HST3000-BLUETOOTH	H Bluetooth Wireless Software Option
HST3000-FRFrame Relay Software OptionHST3000-FTPFTP Software OptionHST3000-IPV6IPv6 Software OptionHST3000-MSTRMultiple Streams Software OptionHST3000-MSTRMultiple Streams Software OptionHST3000-MSTVMicrosoft IPTV Video Analysis Software OptionHST3000-OPTETHOptical Ethernet Software OptionHST3000-PCMSIGSignalling (PCM) Software OptionHST3000-PCMSIGSignalling (PCM) Software OptionHST3000-PCMTIMSTIMS (PCM) Software OptionHST3000-PCMTIMSSoftware Option (NC Standard)HST3000-PSPulse Shape Software OptionHST3000-REMOPRemote Operation Software OptionHST3000-SCRIPTScripted Test Software Option 7HST3000-STBasic Rate ISDN S/T (ANSI) Software OptionHST3000-TIDDSDDS-T1 Software Option 7HST3000-TIDDSDDS-T1 Software Option 7HST3000-TIDDSTransmission Impairments Software OptionHST3000-TIDDSVIT00 Emulation Software OptionHST3000-TV100VT100 Emulation Software OptionHST3000-TV100VT100 Emulation Software OptionHST3000S-IPAdvanced IP Suite – PING and Through Mode Support Software OptionHST3000S-IP-VideoIP Video Analysis Software OptionHST3000S-MGCPSCCP VoIP Signaling Software OptionHST3000S-MGCPSCCP VOIP Signaling Software OptionHST3000S-MGCPSCCP VOIP Signaling Software OptionHST3000S-MGCPSIP VoIP Signaling Software OptionHST3000S-MGSVoIP Mean Opinion Score Software Optio	HST3000-DSL2	ADSL2 and ADSL2+ Software Option
HST3000-FTPFTP Software OptionHST3000-IPV6IPv6 Software OptionHST3000-MSTRMultiple Streams Software OptionHST3000-MSTRMultiple Streams Software OptionHST3000-MSTVMicrosoft IPTV Video AnalysisSoftware OptiorSoftware OptionHST3000-OPTETHOptical Ethernet Software OptionHST3000-PCMSIGSignalling (PCM) Software OptionHST3000-PCMSIGSignalling (PCM) Software OptionHST3000-PCMTIMSTIMS (PCM) Software OptionHST3000-PCMTIMSSoftware Option (NC Standard)HST3000-PSPulse Shape Software OptionHST3000-REMOPRemote Operation Software OptionHST3000-SCRIPTScripted Test Software Option 7HST3000-STBasic Rate ISDN S/T (ANSI) Software OptionHST3000-TIDDSDDS-T1 Software Option 7HST3000-TIDDSDDS-T1 Software Option 7HST3000-TIDDSVIDP Signaling Call Controls for UNISTIM Software OptionHST3000-TIDDSVIT00 Emulation Software OptionHST3000-TIDDSVIT00 Emulation Software OptionHST3000-S-IPAdvanced IP Suite – PING and Through Mode Support Software OptionHST3000S-IPAdvanced IP Suite – PING and Through Mode Support Software OptionHST3000S-MGCPSCCP MG	HST3000-FR	Frame Relay Software Option
HST3000-IPV6IPv6 Software OptionHST3000-MSTRMultiple Streams Software OptionHST3000-MSTRMultiple Streams Software OptionHST3000-MSTVMicrosoft IPTV Video AnalysisSoftware OptionSoftware OptionHST3000-OPTETHOptical Ethernet Software OptionHST3000-PCMSIGSignalling (PCM) Software OptionHST3000-PCMSIGSignalling (PCM) Software OptionHST3000-PCMTIMSTIMS (PCM) Software OptionHST3000-PCMTIMSSoftware Option (NC Standard)HST3000-PSPulse Shape Software OptionHST3000-REMOPRemote Operation Software OptionHST3000-SCRIPTScripted Test Software OptionHST3000-STBasic Rate ISDN S/T (ANSI) Software OptionHST3000-TIDDSDDS-T1 Software OptionHST3000-TRTCP/UDP Software OptionHST3000-TXIMPTransmission Impairments Software OptionHST3000-TV100VT100 Emulation Software OptionHST3000-TV100VT100 Emulation Software OptionHST3000-TV100VT100 Emulation Software OptionHST3000-TV100VT100 Emulation Software OptionHST3000S-IPAdvanced IP Suite – PING and Through Mode Support Software OptionHST3000S-MGCPSCCP VoIP Signaling Software OptionHST3000S-M	HST3000-FTP	FTP Software Option
HST3000-MPLSMPLS Software OptionHST3000-MSTRMultiple Streams Software OptionHST3000-MSTVMicrosoft IPTV Video Analysis Software OptionHST3000-OPTETHOptical Ethernet Software OptionHST3000-PCMSIGSignalling (PCM) Software OptionHST3000-PCMSIGSignalling (PCM) Software OptionHST3000-PCMTIMSTIMS (PCM) Software OptionHST3000-PCMTIMSTIMS (PCM) Software OptionHST3000-PCMTIMSSoftware Option (NC Standard)HST3000-PSPulse Shape Software OptionHST3000-REMOPRemote Operation Software OptionHST3000-SCRIPTScripted Test Software OptionHST3000-STBasic Rate ISDN S/T (ANSI) Software OptionHST3000-TIDDSDDS-T1 Software OptionHST3000-TCPUDPTCP/UDP Software OptionHST3000-TIDSDDS-T1 Software OptionHST3000-TXIMPTransmission Impairments Software OptionHST3000-TVII00VT100 Emulation Software OptionHST3000-VT100VT100 Emulation Software OptionHST3000-VT100VT100 Emulation Software OptionHST3000S-IPAdvanced IP Suite – PING and Through Mode Support Software OptionHST3000S-IP-VideoIP Video Analysis Software OptionHST3000S-MGCPSCCP VoIP Signaling Software Op	HST3000-IPV6	IPv6 Software Option
HST3000-MSTRMultiple Streams Software OptionHST3000-MSTVMicrosoft IPTV Video Analysis Software OptionHST3000-OPTETHOptical Ethernet Software OptionHST3000-PCMSIGSignalling (PCM) Software OptionHST3000-PCMSIGSignalling (PCM) Software OptionHST3000-PCMTIMSTIMS (PCM) Software OptionHST3000-PCMTIMSSoftware Option (NC Standard)HST3000-PSPulse Shape Software OptionHST3000-REMOPRemote Operation Software OptionHST3000-SCRIPTScripted Test Software OptionHST3000-STBasic Rate ISDN S/T (ANSI) Software OptionHST3000-TIDDSDDS-T1 Software OptionHST3000-TRITCP/UDP Software OptionHST3000-TRITransmission Impairments Software OptionHST3000-TRIVTIO0 Emulation Software OptionHST3000-TNIMVOIP Signaling Call Controls for UNISTIM Software OptionHST3000-TNINEWB TIMS Software OptionHST3000-TV100VT100 Emulation Software OptionHST3000-VT100VT100 Emulation Software OptionHST3000-VT100VT100 Emulation Software OptionHST3000S-IPAdvanced IP Suite – PING and Through Mode Support Software OptionHST3000S-IP-VideoIP Video Analysis Software OptionHST3000S-MGCPSCCP VoIP Signaling Software OptionHST3000S-MGCPSCCP VOIP Signaling Software OptionHST3000S-MGSVoIP Mean Opinion Score Software OptionHST3000S-MGSSCCP VOIP Signaling Software OptionHST3000S-MOSVoIP Signaling Software OptionHST3000S-MOS <td>HST3000-MPLS</td> <td>MPLS Software Option</td>	HST3000-MPLS	MPLS Software Option
HST3000-MSTV Microsoft IPTV Video Analysis Software Option HST3000-OPTETH Optical Ethernet Software Option HST3000-PCMSIG Signalling (PCM) Software Option HST3000-PCMTIMS TIMS (PCM) Software Option HST3000-PRI ISDN PRI Software Option (NC Standard) HST3000-PS Pulse Shape Software Option HST3000-REMOP Remote Operation Software Option HST3000-RFL RFL Software Option HST3000-ST Scripted Test Software Option HST3000-ST Basic Rate ISDN S/T (ANSI) Software Option HST3000-TIDDS DDS-T1 Software Option HST3000-TRP TCP/UDP Software Option HST3000-TRP TCP/UDP Software Option HST3000-TRW TDR Software Option HST3000-TNR TDR Software Option HST3000-TNR TDR Software Option HST3000-TNR TDR Software Option HST3000-TNR WITHN Software Option HST3000-TNR TDR Software Option HST3000-TNR TDR Software Option HST3000-TNB WITHN Software Option HST3000-TNB TIMS Software Option HST3000-TNB WITHN Software Option HST3000-TNB WITHN Software Option HST3000-TV100 VT100 Emulation Software Option HST3000-WISTIM VOIP Signaling Call Controls for UNISTIM Software Option HST3000S-IP Advanced IP Suite – PING and Through Mode Support Software Optior HST3000S-IP SCCP MGCP VoIP Signaling Software Optior HST3000S-MGCP SCCP MGCP VoIP Signaling Software Optior HST3000S-MGCP SCCP VOIP Signaling Software Optior HST3000S-MGCP SCCP VOIP Signaling Software Optior HST3000S-SIP SIP VOIP Signaling Software Optior HST3000S-SIP SIP VOIP Signaling Software Optior HST3000S-SIP SIP VOIP Signaling Software Optior HST3000S-VMOS Video MOS Analysis Software Optior HST3000S-VMOS Video MOS Analysis Software Optior HST3000S-VMOS Video MOS Analysis Software Optior HST3000S-VMOS VIDP Software Analysis Software Optior HST3000S-VMOS VIDP Software Analysis Software Optior	HST3000-MSTR	Multiple Streams Software Option
Software OptionHST3000-OPTETHOptical Ethernet Software OptionHST3000-PCMSIGSignalling (PCM) Software OptionHST3000-PCMTIMSTIMS (PCM) Software OptionHST3000-PCMTIMSISDN PRI Software Option (NC Standard)HST3000-PSPulse Shape Software OptionHST3000-REMOPRemote Operation Software OptionHST3000-RFLRFL Software OptionHST3000-SCRIPTScripted Test Software OptionHST3000-STBasic Rate ISDN S/T (ANSI) Software OptionHST3000-TIDDSDDS-T1 Software OptionHST3000-TRTCP/UDP Software OptionHST3000-TRTCP/UDP Software OptionHST3000-TRTCP/UDP Software OptionHST3000-TRTDR Software OptionHST3000-TRTDR Software OptionHST3000-TRTransmission Impairments Software OptionHST3000-TNIMVI100 Emulation Software OptionHST3000-TNIMVI100 Emulation Software OptionHST3000-VINISTIMVOIP Signaling Call Controls for UNISTIM Software OptionHST3000S-IPAdvanced IP Suite – PING and Through Mode Support Software OptionHST3000S-IP-VideoIP Video Analysis Software OptionHST3000S-MGCPSCCP MGCP VoIP Signaling Software OptionHST3000S-MGCPSCCP VOIP Signaling Software OptionHST3000S-MGCPSCCP VOIP Signaling Software OptionHST3000S-MGSVoIP Paen Opinion Score Software OptionHST3000S-MOSVOIP Signaling Software OptionHST3000S-MOSVOIP Signaling Software OptionHST3000S-MOSSCCP VOIP Signaling	HST3000-MSTV	Microsoft IPTV Video Analysis
HST3000-OPTETHOptical Ethernet Software OptionHST3000-PCMSIGSignalling (PCM) Software OptionHST3000-PCMTIMSTIMS (PCM) Software OptionHST3000-PSISDN PRI Software Option (NC Standard)HST3000-PSPulse Shape Software OptionHST3000-REMOPRemote Operation Software OptionHST3000-RFLRFL Software OptionHST3000-SCRIPTScripted Test Software OptionHST3000-STBasic Rate ISDN S/T (ANSI)Software OptionSoftware OptionHST3000-TIDDSDDS-T1 Software OptionHST3000-TRTCP/UDP Software OptionHST3000-TRTCP/UDP Software OptionHST3000-TRTCP/UDP Software OptionHST3000-TRTDR Software OptionHST3000-TRTDR Software OptionHST3000-TRTransmission Impairments Software OptionHST3000-TNRVT100 Emulation Software OptionHST3000-TNIMVOIP Signaling Call Controls for UNISTIM Software OptionHST3000-VNIOSWB TIMS Software OptionHST3000S-IPAdvanced IP Suite – PING and Through Mode Support Software OptionHST3000S-IP-VideoIP Video Analysis Software OptionHST3000S-MGCPSCCP MGCP VoIP Signaling Software OptionHST3000S-SIPSIP VoIP Signaling Software OptionHST3000S-SIPSIP VoIP Signaling Software OptionHST3000S-VNOSVideo MOS Analysis Software OptionHST3000S-VNOSVideo MOS Analysis Software OptionHST3000S-WEBWeb Browser Software Option		Software Option
HST3000-PCMSIGSignalling (PCM) Software OptionHST3000-PCMTIMSTIMS (PCM) Software OptionHST3000-PRIISDN PRI Software Option (NC Standard)HST3000-PSPulse Shape Software OptionHST3000-REMOPRemote Operation Software OptionHST3000-RFLRFL Software OptionHST3000-SCRIPTScripted Test Software OptionHST3000-STBasic Rate ISDN S/T (ANSI)Software OptionSoftware OptionHST3000-TIDDSDDS-T1 Software OptionHST3000-TRPITCP/UDP Software OptionHST3000-TRPITransmission ImpairmentsSoftware OptionSoftware OptionHST3000-TRPITransmission ImpairmentsSoftware OptionSoftware OptionHST3000-TVIDPTCP/UDP Software OptionHST3000-TVINPTransmission ImpairmentsSoftware OptionSoftware OptionHST3000-TNRVIT00 Emulation Software OptionHST3000-VINISTIMVOIP Signaling Call Controlsfor UNISTIM Software OptionH.323 VoIP Signaling Software OptionHST3000S-IPAdvanced IP Suite – PING and Through Mode Support Software OptionHST3000S-IP-VideoIP Video Analysis Software OptionHST3000S-MGCPSCCP MGCP VoIP Signaling Software OptionHST3000S-MOSVoIP Mean Opinion Score Software OptionHST3000S-SIPSIP VoIP Signaling Software OptionHST3000S-SVIDSVideo MOS Analysis Software OptionHST3000S-VIDSVideo MOS Analysis Software OptionHST3000S-VIDSVoIP Software Analysis Software OptionHS	HST3000-OPTETH	Optical Ethernet Software Option
HST3000-PCMTIMSTIMS (PCM) Software OptionHST3000-PRIISDN PRI Software Option (NC Standard)HST3000-PSPulse Shape Software OptionHST3000-REMOPRemote Operation Software OptionHST3000-RFLRFL Software OptionHST3000-SCRIPTScripted Test Software OptionHST3000-STBasic Rate ISDN S/T (ANSI)SOftware OptionSoftware OptionHST3000-STDDS-T1 Software OptionHST3000-TIDDSDDS-T1 Software OptionHST3000-TRTCP/UDP Software OptionHST3000-TRTransmission Impairments Software OptionHST3000-TVIDPVT100 Emulation Software OptionHST3000-TVIDPVT100 Emulation Software OptionHST3000-TVIDPVT100 Emulation Software OptionHST3000-TVID0VT100 Emulation Software OptionHST3000-VNISTIMVoIP Signaling Call Controls for UNISTIM Software OptionHST3000S-IPAdvanced IP Suite – PING and Through Mode Support Software OptionHST3000S-IP-VideoIP Video Analysis Software OptionHST3000S-MGCPSCCP MGCP VoIP Signaling Software OptionHST3000S-MGCPSCCP VOIP Signaling Software OptionHST3000S-SIPSIP VoIP Signaling Software OptionHST3000S-SIPSIP VoIP Signaling Software OptionHST3000S-VNOSVideo MOS Analysis Software Option	HST3000-PCMSIG	Signalling (PCM) Software Option
HST3000-PRIISDN PRI Software Option (NC Standard)HST3000-PSPulse Shape Software OptionHST3000-REMOPRemote Operation Software OptionHST3000-RFLRFL Software OptionHST3000-SCRIPTScripted Test Software Option 7HST3000-STBasic Rate ISDN S/T (ANSI)Software OptionSoftware OptionHST3000-TIDDSDDS-T1 Software OptionHST3000-TRTCP/UDP Software OptionHST3000-TRTCP/UDP Software OptionHST3000-TRTransmission ImpairmentsSoftware OptionSoftware OptionHST3000-TRTransmission ImpairmentsSoftware OptionSoftware OptionHST3000-TVIDVT100 Emulation Software OptionHST3000-TVID0VT100 Emulation Software OptionHST3000-UNISTIMVoIP Signaling Call Controls for UNISTIM Software OptionHST3000S-IPAdvanced IP Suite – PING and Through Mode Support Software OptionHST3000S-IP-VideoIP Video Analysis Software OptionHST3000S-MGCPSCCP MGCP VoIP Signaling Software OptionHST3000S-MGCPSCCP VoIP Signaling Software OptionHST3000S-MGCPSCCP VOIP Signaling Software OptionHST3000S-SIPSIP VoIP Signaling Software OptionHST3000S-SVEPSIP VoIP Signaling Software OptionHST3000S-VOIPVoIP Software Analysis Software OptionHST3000S-VOIPVoIP Software Analysis Software OptionHST3000S-VOIPVoIP Software Analysis Software OptionHST3000S-VOIPVoIP Software Analysis Software OptionHST3000S-VOIPVoIP Soft	HST3000-PCMTIMS	TIMS (PCM) Software Option
HST3000-PS Pulse Shape Software Option HST3000-REMOP Remote Operation Software Option HST3000-RFL RFL Software Option HST3000-SCRIPT Scripted Test Software Option HST3000-ST Basic Rate ISDN S/T (ANSI) Software Optior HST3000-TIDDS DDS-T1 Software Option HST3000-TCPUDP TCP/UDP Software Option HST3000-TQPUDP TCP/UDP Software Option HST3000-TXIMP Transmission Impairments Software Optior HST3000-UNISTIM VoIP Signaling Call Controls for UNISTIM Software Option HST3000-UNISTIM VVIP Signaling Call Controls for UNISTIM Software Option HST3000-UNISTIM VVIP Signaling Software Option HST3000-UNISTIM VVIP Signaling Software Option HST3000-UNISTIM VVIP Signaling Software Option HST3000-UNISTIM VVIP Signaling Software Option HST3000S-IP Advanced IP Suite – PING and Through Mode Support Software Option HST3000S-MGCP SCCP MGCP VoIP Signaling Software Optior HST3000S-MGCP SCCP MGCP VoIP Signaling Software Optior HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-MGCP SCCP VOIP Signaling Software Option HST3000S-MOS VOIP Mean Opinion Score Software Option HST3000S-SVEP SIP VOIP Signaling Software Option HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VMOS Video MOS Analysis Software Option	HST3000-PRI	ISDN PRI Software Option (NC Standard)
HST3000-REMOP Remote Operation Software Option HST3000-RFL RFL Software Option HST3000-SCRIPT Scripted Test Software Option 7 HST3000-ST Basic Rate ISDN S/T (ANSI) Software Optior HST3000-TIDDS DDS-T1 Software Option HST3000-TDR TCP/UDP Software Option HST3000-TDR TDR Software Option HST3000-TXIMP Transmission Impairments Software Optior HST3000-UNISTIM VoIP Signaling Call Controls for UNISTIM Software Option HST3000-UNISTIM VOIP Signaling Call Controls for UNISTIM Software Option HST3000-UNISTIM VIT00 Emulation Software Option HST3000-WBTONES WB TIMS Software Option HST3000S-IP Advanced IP Suite – PING and Through Mode Support Software Option HST3000S-IP-Video IP Video Analysis Software Option HST3000S-MGCP SCCP MGCP VoIP Signaling Software Optior HST3000S-MGS VoIP Mean Opinion Score Software Optior HST3000S-SIP SIP VIP Signaling Software Option HST3000S-SIP SIP VIP Signaling Software Option HST3000S-SIP SIP VIP Signaling Software Option HST3000S-SIP SIP VIP Signaling Software Option HST3000S-VMOS VIP Mean Opinion Score Software Optior HST3000S-VIP VIP Signaling Software Option HST3000S-VMOS VIP Mean Opinion Score Software Optior HST3000S-VIP VIP Signaling Software Option HST3000S-VIP VIP Signaling Software Option HST3000S-VIP VIP Signaling Software Option HST3000S-VIP VIP Software Analysis Software Option	HST3000-PS	Pulse Shape Software Option
HST3000-RFL RFL Software Option HST3000-SCRIPT Scripted Test Software Option 7 HST3000-ST Spectral Noise Software Option 7 HST3000-ST Basic Rate ISDN S/T (ANSI) Software Optior HST3000-TIDDS DDS-T1 Software Option HST3000-TCPUDP TCP/UDP Software Option HST3000-TXIMP Transmission Impairments Software Optior HST3000-UNISTIM VoIP Signaling Call Controls for UNISTIM Software Option HST3000-UNISTIM VVIP Signaling Call Controls for UNISTIM Software Option HST3000-UNISTIM VVIP Signaling Software Option HST3000-UNISTIM VVIP Signaling Software Option HST3000-WBTONES WB TIMS Software Option HST3000S-IP Advanced IP Suite – PING and Through Mode Support Software Option HST3000S-IP-Video IP Video Analysis Software Option HST3000S-MGCP SCCP MGCP VoIP Signaling Software Optior HST3000S-MGSP SICP VoIP Signaling Software Option HST3000S-SIP SIP VOIP Signaling Software Option HST3000S-VMOS VOIP Mean Opinion Score Software Option HST3000S-SIP SIP VOIP Signaling Software Option HST3000S-VMOS VIDE Signaling Software Option HST3000S-VMOS VIDE Software Analysis Software Option HST3000S-VMOS VIDE Software Analysis Software Option	HST3000-REMOP	Remote Operation Software Option
HST3000-SCRIPT Scripted Test Software Option HST3000-SPE Spectral Noise Software Option 7 HST3000-ST Basic Rate ISDN S/T (ANSI) Software Option HST3000-TIDDS DDS-T1 Software Option HST3000-TCPUDP TCP/UDP Software Option HST3000-TXIMP Transmission Impairments Software Option HST3000-UNISTIM VoIP Signaling Call Controls for UNISTIM Software Option HST3000-UNISTIM VOIP Signaling Call Controls for UNISTIM Software Option HST3000-WIT00 VT100 Emulation Software Option HST3000-WBTONES WB TIMS Software Option HST3000S-IP Advanced IP Suite – PING and Through Mode Support Software Optior HST3000S-MGCP SCCP MGCP VoIP Signaling Software Optior HST3000S-MGCP SCCP MGCP VoIP Signaling Software Optior HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-SIP SIP VOIP Signaling Software Option HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VOIP VOIP Software Analysis Software Option HST3000S-VOIP VoIP Software Analysis Software Option HST3000S-VOIP VOIP Software Analysis Software Option	HST3000-RFL	RFL Software Option
HST3000-SPE Spectral Noise Software Option 7 HST3000-ST Basic Rate ISDN S/T (ANSI) Software Option HST3000-TIDDS DDS-T1 Software Option HST3000-TCPUDP TCP/UDP Software Option HST3000-TXIMP Transmission Impairments Software Option HST3000-UNISTIM VoIP Signaling Call Controls for UNISTIM Software Option HST3000-UNISTIM VOIP Signaling Call Controls for UNISTIM Software Option HST3000-UNISTIM VIT00 Emulation Software Option HST3000-WBTONES WB TIMS Software Option HST3000S-IP Advanced IP Suite – PING and Through Mode Support Software Option HST3000S-IP Signaling Software Option HST3000S-IP IVIdeo IIP Video Analysis Software Option HST3000S-MGCP SCCP MGCP VoIP Signaling Software Optior HST3000S-SCCP SCCP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-SVEP SIP VOIP Signaling Software Option HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VOIP VOIP Software Analysis Software Option HST3000S-VOIP VOIP Software Analysis Software Option HST3000S-WEB Web Browser Software Option	HST3000-SCRIPT	Scripted Test Software Option
HST3000-ST Basic Rate ISDN S/T (ANSI) Software Option HST3000-TIDDS DDS-T1 Software Option HST3000-TCPUDP TCP/UDP Software Option HST3000-TDR TDR Software Option HST3000-TXIMP Transmission Impairments Software Option HST3000-UNISTIM VoIP Signaling Call Controls for UNISTIM Software Option HST3000-UNISTIM VVIP Signaling Call Controls for UNISTIM Software Option HST3000-WBTONES WB TIMS Software Option HST3000S-IP Advanced IP Suite – PING and Through Mode Support Software Option HST3000S-IP-Video IP Video Analysis Software Option HST3000S-MGCP SCCP MGCP VoIP Signaling Software Optior HST3000S-MOS VoIP Mean Opinion Score Software Optior HST3000S-SIP SIP VIP Signaling Software Option HST3000S-SIP SIP VOIP Signaling Software Option HST3000S-SIP SIP VOIP Signaling Software Option HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VOIP VoIP Software Analysis Software Option HST3000S-VOIP VoIP Software Analysis Software Option	HST3000-SPE	Spectral Noise Software Option 7
Software Option HST3000-T1DDS DDS-T1 Software Option HST3000-TCPUDP TCP/UDP Software Option HST3000-TDR TDR Software Option HST3000-TxIMP Transmission Impairments Software Option HST3000-UNISTIM VoIP Signaling Call Controls for UNISTIM Software Option HST3000-WT100 VT100 Emulation Software Option HST3000-WBT0NES WB TIMS Software Option HST3000S-IP Advanced IP Suite – PING and Through Mode Support Software Option HST3000S-IP Video IIP Video Analysis Software Option HST3000S-MGCP SCCP MGCP VoIP Signaling Software Option HST3000S-SCCP SCCP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-MGCP SCCP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-SVP SIP VoIP Signaling Software Option HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VOIP VoIP Software Analysis Software Option HST3000S-VOIP VoIP Software Analysis Software Option	HST3000-ST	Basic Rate ISDN S/T (ANSI)
HST3000-T1DDS DDS-T1 Software Option HST3000-TCPUDP TCP/UDP Software Option HST3000-TDR TDR Software Option HST3000-TxIMP Transmission Impairments Software Option HST3000-UNISTIM VoIP Signaling Call Controls for UNISTIM Software Option HST3000-WT100 VT100 Emulation Software Option HST3000-WBT0NES WB TIMS Software Option HST3000S-IP Advanced IP Suite – PING and Through Mode Support Software Option HST3000S-IP IP Video Analysis Software Option HST3000S-MGCP SCCP MGCP VoIP Signaling Software Option HST3000S-MGCP SCCP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-MGCP SCCP VoIP Signaling Software Option HST3000S-MGCP SCCP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VOIP VoIP Software Analysis Software Option HST3000S-WEB Web Browser Software Option		Software Option
HST3000-TCPUDP TCP/UDP Software Option HST3000-TDR TDR Software Option HST3000-TxIMP Transmission Impairments Software Optior HST3000-UNISTIM VoIP Signaling Call Controls for UNISTIM Software Option HST3000-UT100 VT100 Emulation Software Option HST3000-WBT0NES WB TIMS Software Option HST3000S-IP Advanced IP Suite – PING and Through Mode Support Software Option HST3000S-IP Video IP Video Analysis Software Option HST3000S-MGCP SCCP MGCP VoIP Signaling Software Optior HST3000S-MOS VoIP Mean Opinion Score Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VOIP VoIP Software Analysis Software Option HST3000S-WEB Web Browser Software Option	HST3000-T1DDS	DDS-T1 Software Option
HST3000-TDR TDR Software Option HST3000-TxIMP Transmission Impairments Software Optior HST3000-UNISTIM VoIP Signaling Call Controls for UNISTIM Software Option HST3000-VT100 VT100 Emulation Software Option HST3000-WBT0NES WB TIMS Software Option HST3000S-IP Advanced IP Suite – PING and Through Mode Support Software Option HST3000S-IP IP Video Analysis Software Option HST3000S-MGCP SCCP MGCP VoIP Signaling Software Option HST3000S-MGCP SCCP MGCP VoIP Signaling Software Option HST3000S-SCCP SCCP VoIP Signaling Software Option HST3000S-SIP SIP VOIP Signaling Software Option HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VOIP VoIP Software Analysis Software Option HST3000S-WEB Web Browser Software Option	HST3000-TCPUDP	TCP/UDP Software Option
HST3000-TxIMP Transmission Impairments Software Optior HST3000-UNISTIM VoIP Signaling Call Controls for UNISTIM Software Option HST3000-VT100 VT100 Emulation Software Option HST3000-WBT0NES WB TIMS Software Option HST3000S-IP Advanced IP Suite – PING and Through Mode Support Software Option HST3000S-IP-Video IP Video Analysis Software Option HST3000S-MGCP SCCP MGCP VoIP Signaling Software Optior HST3000S-MOS VoIP Mean Opinion Score Software Optior HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-SIP SIP VOIP Signaling Software Option HST3000S-SIP SIP VOIP Signaling Software Option HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VOIP VoIP Software Analysis Software Option	HST3000-TDR	TDR Software Option
Software Optior HST3000-UNISTIM VoIP Signaling Call Controls for UNISTIM Software Option HST3000-VT100 VT100 Emulation Software Option HST3000-WBT0NES WB TIMS Software Option HST3000S-IP Advanced IP Suite – PING and Through Mode Support Software Option HST3000S-IP-Video IP Video Analysis Software Option HST3000S-MGCP SCCP MGCP VoIP Signaling Software Optior HST3000S-MOS VoIP Mean Opinion Score Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-SIP VIP VOIP Signaling Software Option HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VOIP VoIP Software Analysis Software Option	HST3000-TxIMP	Transmission Impairments
HST3000-UNISTIM VoIP Signaling Call Controls for UNISTIM Software Option HST3000-VT100 VT100 Emulation Software Option HST3000-WBT0NES WB TIMS Software Option HST3000S-IP Advanced IP Suite – PING and Through Mode Support Software Option HST3000S-IP-Video IP Video Analysis Software Option HST3000S-MGCP SCCP MGCP VoIP Signaling Software Option HST3000S-MOS VoIP Mean Opinion Score Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-SIP VIP VOIP Signaling Software Option HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VOIP VoIP Software Analysis Software Option		Software Option
for UNISTIM Software Option HST3000-VT100 VT100 Emulation Software Option HST3000-WBTONES WB TIMS Software Option HST3000S-IP Advanced IP Suite – PING and Through Mode Support Software Option HST3000S-IP-Video IP Video Analysis Software Option HST3000S-MGCP SCCP MGCP VoIP Signaling Software Option HST3000S-MOS VoIP Mean Opinion Score Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-SIP VIP VoIP Signaling Software Option HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VOIP VoIP Software Analysis Software Option	HST3000-UNISTIM	VoIP Signaling Call Controls
HST3000-VT100 VT100 Emulation Software Option HST3000-WBT0NES WB TIMS Software Option HST3000S-H.323 H.323 VoIP Signaling Software Option HST3000S-IP Advanced IP Suite – PING and Through Mode Support Software Option Mode Support Software Option HST3000S-IP-Video IP Video Analysis Software Option HST3000S-MGCP SCCP MGCP VoIP Signaling Software Option HST3000S-MOS VoIP Mean Opinion Score Software Option HST3000S-SIP SIC VOIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VOIP VoIP Software Analysis Software Option HST3000S-WEB Web Browser Software Option		for UNISTIM Software Option
HST3000-WBTONES WB TIMS Software Option HST3000S-H.323 H.323 VoIP Signaling Software Option HST3000S-IP Advanced IP Suite – PING and Through Mode Support Software Option HST3000S-MGCP SCCP MGCP VoIP Signaling Software Option HST3000S-MOS VoIP Mean Opinion Score Software Option HST3000S-SCCP SCCP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VOIP VoIP Software Analysis Software Option HST3000S-WEB Web Browser Software Option	HST3000-VT100	VT100 Emulation Software Option
HST3000S-H.323 H.323 VoIP Signaling Software Option HST3000S-IP Advanced IP Suite – PING and Through Mode Support Software Option HST3000S-IP-Video IP Video Analysis Software Option HST3000S-MGCP SCCP MGCP VoIP Signaling Software Option HST3000S-MOS VoIP Mean Opinion Score Software Option HST3000S-SIP SICP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VOIP VoIP Software Analysis Software Option HST3000S-WEB Web Browser Software Option	HST3000-WBTONES	WB TIMS Software Option
HST3000S-IP Advanced IP Suite – PING and Through Mode Support Software Option HST3000S-IP-Video IP Video Analysis Software Option HST3000S-MGCP SCCP MGCP VoIP Signaling Software Option HST3000S-MOS VoIP Mean Opinion Score Software Option HST3000S-SIP SICP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VOIP VoIP Software Analysis Software Option HST3000S-WEB Web Browser Software Option	HST3000S-H.323	H.323 VoIP Signaling Software Option
Mode Support Software Optior HST3000S-IP-Video IP Video Analysis Software Option HST3000S-MGCP SCCP MGCP VoIP Signaling Software Optior HST3000S-MOS VoIP Mean Opinion Score Software Optior HST3000S-SIP SICP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VOIP VoIP Software Analysis Software Option HST3000S-WEB Web Browser Software Option	HST3000S-IP	Advanced IP Suite – PING and Through
HST3000S-IP-Video IP Video Analysis Software Option HST3000S-MGCP SCCP MGCP VoIP Signaling Software Optior HST3000S-MOS VoIP Mean Opinion Score Software Optior HST3000S-SCCP SCCP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VOIP VoIP Software Analysis Software Option HST3000S-WEB Web Browser Software Option		Mode Support Software Option
HST3000S-MGCP SCCP MGCP VoIP Signaling Software Optior HST3000S-MOS VoIP Mean Opinion Score Software Optior HST3000S-SCCP SCCP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VOIP VoIP Software Analysis Software Option HST3000S-WEB Web Browser Software Option	HST3000S-IP-Video	IP Video Analysis Software Option
Software Option HST3000S-MOS VolP Mean Opinion Score Software Option HST3000S-SCCP SCCP VolP Signaling Software Option HST3000S-SIP SIP VolP Signaling Software Option HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VOIP VolP Software Analysis Software Option HST3000S-WEB Web Browser Software Option	HST3000S-MGCP	SCCP MGCP VoIP Signaling
HST3000S-MOS VoIP Mean Opinion Score Software Optior HST3000S-SCCP SCCP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VOIP VoIP Software Analysis Software Option HST3000S-WEB Web Browser Software Option		Software Option
Software Optior HST3000S-SCCP SCCP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VOIP VoIP Software Analysis Software Option HST3000S-WEB Web Browser Software Option	HST3000S-MOS	VoIP Mean Opinion Score
HST3000S-SCCP SCCP VoIP Signaling Software Option HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VOIP VoIP Software Analysis Software Option HST3000S-WEB Web Browser Software Option		Software Option
HST3000S-SIP SIP VoIP Signaling Software Option HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VOIP VoIP Software Analysis Software Option HST3000S-WEB Web Browser Software Option	HST3000S-SCCP	SCCP VoIP Signaling Software Option
HST3000S-VMOS Video MOS Analysis Software Option HST3000S-VOIP VoIP Software Analysis Software Option HST3000S-WEB Web Browser Software Option	HST3000S-SIP	SIP VoIP Signaling Software Option
HST3000S-VOIP VoIP Software Analysis Software Option HST3000S-WEB Web Browser Software Option	HST3000S-VMOS	Video MOS Analysis Software Option
HST3000S-WEB Web Browser Software Option	HST3000S-VOIP	VoIP Software Analysis Software Option
Solution option	HST3000S-WEB	Web Browser Software Option

HST3000-CSHHV	G.SHDSL, 380V SPAN, DVOM SIM		
HST3000-CSH4	Copper, 4-Wire G.SHDSL		
	(STU-R/C, Annex A/B) SIM		
HST3000-CSHCE	G.SHDSL and Copper SIM		
HST3000-CT1	T1 and Copper SIM		
HST3000-CU Dua	al T/R/G Interface to Copper Test SIM		
HST3000-CUCE	Copper only SIM, CE Marked SIM		
HST3000-CUVDSL-CNXT	VDSL and Copper		
	with Connexant Chipset SIM		
HST3000-CUVDSL-IK	VDSL and Copper		
	with Ikanos Chipset SIM		
HST3000-CUVDSL-INF	VDSL and Copper		
	with Infineon Aware Chipset SIM		
HST3000-DC	Datacom SIM		
HST3000-E1	E1 SIM		
HST3000-E1-DC	E1/Datacom SIM		
HST3000-ETH	10/100/1000 Ethernet SIM		
HST-GSH	G.SHDSL SIM		
HST3000-GSHCE	2-Wire G.SHDSL SIM		
HST3000-T1	Dual TX/RX Bantam T1 Interface		
	and T1 SIM		
HST3000-T3 Dual 1	X/RX Bantam T1 Interface, and Dual		
	RX/Single TX BNC DS3 Interface/		
	and DS3 SIM		
HST3000-VDSL-CNXT	VDSL with Connexant		
	Chipset SIM		
HST-3000-VDSL-CNXT-WB	2 VDSL and Copper		
	(up to 30 MHz)		
	with Connexant Chipset SIM		
HST3000-VDSL-IK	VDSL with Ikanos Chipset SIM		
HST-3000-VDSL-IK-WB2	VDSL and Copper (up to 30 MHz)		
	with Ikanos Chipset SIM		
HST3000-VDSL-INF	VDSL with Infineon Aware		
	Chipset SIM		
HST-3000-VDSL-INF-WB2	VDSL and Copper (up to 30 MHz)		
	with Infineon Aware Chipset SIM		
HST3000-WB2	Wide Band 2 (up to 30 MHz)		
	Copper Test SIM		

oracing monaton		
HST3000-NG	HST-3000 Mainframe	
	without Copper (Color)	
HST3000-NG-BW	HST-3000 Mainframe without	
	Copper Testing (B&W)	
HST3000C-NG	HST-3000 Copper Mainframe (Color)	
HST3000C-NG-BW	HST-3000 Copper Mainframe (B&W)	

Available SIMS (Modules)

Ordering Information

HST3000-4WLL	4-Wire Local Loop SIM
HST3000-AR2A-TI	ASDL2+ TI (ATU-R, Annex A) SIM
HST3000-AR2A	ADSL1/2/2+ (ATU-R, Annex A) SIM
HST3000-AR2B	ADSL1/2/2+ (ATU-R, Annex B) SIM
HST3000-AR2B-TI	ADSL2+ TI (ATU-R, Annex B) SIM
HST3000-ARB	Annex B ATU-R SIM
HST3000-ARCA	ATU-R/C Dual Mode SIM, AoPOTS SIM
HST3000-ARCB	ATU-R/C Dual Mode SIM, AoISDN SIM
HST3000-ARCE	ADSL (ATU-R) SIM
HST3000-BLK	Blank SIM
HST-BRA	ETSI (Euro) ISDN BRA SIM
HST3000-BRI	ISDN BRI SIM
HST3000-CAR	Copper (ATU-R) SIM
HST3000-CAR2A	ADSL1/2/2+ with Copper
	(ATU-R, Annex) SIM
HST3000-CAR2A-TI	Copper, ADSL2+TI
	(ATU-R, Annex A) SIM
HST3000-CAR2B	ADSL1/2/2+ with Copper
	(ATU-R, Annex B) SIM
HST3000-CAR2B-TI	Copper, ADSL2+TI
	(ATU-R, Annex B) SIM
HST3000-CARB	Annex B Copper/ATU-R SIM
HST3000-CARCA	Copper and ATU-R/C
	Dual Mode SIM, AoPOTS
HST3000-CARCB	Copper and ATU-R/C
	Dual Mode SIM, AoISDN
HST3000-CARCE	Copper and ATU-R (Annex A)
	SIM, CE Marked

All statements, technical information and recommendations related to the products herein are based upon information believed to be reliable or accurate. However, the accuracy or completeness thereof is not guaranteed, and no responsibility is assumed for any inaccuracies. The user assumes all risks and liability whatsoever in connection with the use of a product or its application. JDSU reserves the right to change at any time without notice the design, specifications, function, fit or form of its products described herein, including withdrawal at any time of a product offered for sale herein. JDSU makes no representations that the products herein are free from any intellectual property claims of others. Please contact JDSU for more information. JDSU and the JDSU logo are trademarks of JDS Uniphase Corporation. Other trademarks are the property of their respective holders. @2007 JDS Uniphase Corporation. All rights reserved. 30137294 002 1207 HST3000T1SIM.DS.ACC.TM.AE

Test & Measurement Regional Sales

NORTH AMERICA	LATIN AMERICA	ASIA PACIFIC	EMEA	www.jdsu.com/test
TEL: 1 866 228 3762	TEL: +55 11 5503 3800	TEL: +852 2892 0990	TEL: +49 7121 86 2222	
FAX: +1 301 353 9216	FAX: +55 11 5505 1598	FAX: +852 2892 0770	FAX: +49 7121 86 1222	