

## NetProbe Order Form Aug 2007

MODELS	DESCRIPTION
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**NetProbe 1000-T3**      T3, T1 (OPTIONAL E1) and DS0 Testing

M13, C-Bit, Unframed, single T3 transmitter/receiver, T3 line monitoring (frequency, clock slips, signal level, error performance), alarm simulation, T3 BERT w/ error injection, T3/T1/DS0 M13, C-bit, Mux/Demux T1 BERT. Independent T1 tester, T1 frequency, signal level, clock slips, CSU/NT loop back & Emulation, DSP TIMS, DSO Drop & Insert, ABCD bits monitoring and control, ready for Downloadable software options and more.

**T3-STD PACK** Soft carrying case, a set of 2 BNC to BNC cables, a set of 2 RJ48-RJ48 cable, 2 bantam to bantam 6 ft cables, CDROM with user's manual & app notes.

OPTIONS	DESCRIPTION
NP-1000-FRAC	T1 and E1 fractional nx56/64 kb/s contiguous and non-contiguous
NP-1000-PSA	T1 and E1 pulse shape analysis provides on screen results and printout
NP-1000-PRODLY	T1 & E1 round trip propagation delay analysis
NP-1000-SIG1	T1 & E1 dial send and dialed digit display for DTMF, MF, dial pulse, R2
NP-1000-DPRT note3	T1 & E1 drop&insert data port nx56/64kb/s, V.35 interface with DB25
NP-1000-uA	PCM u-law and A-law selection in T1 and E1
NP-1000-DATACOM note 3	Data bit error testing option: RS-530, RS232 & V.35 interfaces, sync & async, DTE/DCE, error injection, bit/ character/ block modes
NP-1000-E3 note 3	E3 Bert and performance monitor w/ 1transmitter/receiver
NP-1000-E1-T3MX note 3	MX3 ACCESS TO T3/E1/DS0, E1 Bert. Independent E1 tester: E1 Frequency, signal level, clock slips, CSU/NT loop back&emulation, DSP TIMS, DSO Drop&Insert, ABCD bits monitoring and control
NP-1000-WIN	Remote control using PC Windows 9x, 2000, ME, XP interface, test to PC file streaming

**Accessories:**

PART NUMBER	DESCRIPTION
NP-1000-SC	Soft carrying Case
NP-1000-PTR	Thermal Printer with AC adapter and serial DB9M-DB9M cable
NP-1000-PTR-LT	5 rolls of thermal paper for the NP-1000-PTR (Printer)
NP-1000-M-M	6ft Bantam to Bantam cable
NP-1000-RJ48-48	6ft RJ48 to RJ48 cable
NP-1000-560-560	6ft WECO 560 to WECO 560 cables
NP-1000-BNC-BNC	6ft BNCto BNC cable
NP-1000-560-BNC	6ft WECO 560 to BNC cable
NP-1000-RMT	19/23" Rack mount kit
NP-1000-AC	Spare AC adapter
NP-1000-BAT	Spare 12V Li-Ion battery pack
NP-1000RS530DCE	2M DATA CABLE FOR RS-232 AND RS-530, DCE
NP-1000RS530DTE	2M DATA CABLE FOR RS-232 AND RS-530, DTE
NP-1000RS449DCE	2M DATA CABLE FOR RS-449, DCE
NP-1000RS449DTE	2M DATA CABLE FOR RS-449, DTE
NP-1000V.35DCE	2M DATA CABLE FOR V.35, DCE
NP-1000V.35DTE	2M DATA CABLE FOR V.35, DTE
NP-1000X.21DCE	2M DATA CABLE FOR X.21, DCE
NP-1000X.21DTE	2M DATA CABLE FOR X.21, DTE

MODELS	DESCRIPTION
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**NetProbe 1000-E3**      E3, E1 (OPTIONAL T1) and DS0 Testing

G.751 and G.832, Unframed, single E3 transmitter/receiver, E3 line monitoring (frequency, clock slips, signal level, error performance), alarm simulation, E3 BERT w/ error injection, Independent E1 tester, E1 frequency, signal level, clock slips, CSU/NT loop back & Emulation, DSP TIMS, DSO Drop & Insert, ABCD bits monitoring and control, ready for Downloadable software options and more.

**E3-STD PACK** Soft carrying case, a set of 2 BNC to BNC cables, a set of 2 RJ48-RJ48 cable, 2 bantam to bantam 6 ft cables, CDROM with user's manual & app notes.

OPTIONS	DESCRIPTION
NP-1000-FRAC	T1 and E1 fractional nx56/64 kb/s contiguous and non-contiguous
NP-1000-PSA	T1 and E1 pulse shape analysis provides on screen results and printout
NP-1000-PRODLY	T1 & E1 round trip propagation delay analysis
NP-1000-SIG1	T1 & E1 dial send and dialed digit display for DTMF, MF, dial pulse, R2
NP-1000-DPRT note3	T1 & E1 drop&insert data port nx56/64kb/s, V.35 interface with DB25
NP-1000-uA	PCM u-law and A-law selection in T1 and E1
NP-1000-WIN	Remote control using PC Windows 9x, 2000, ME, XP interface, test to PC file streaming
NP-1000-E1-T3MX	MX3 ACCESS TO T3/E1/DS0, E1 Bert. Independent E1 tester: E1 Frequency, signal level, clock slips, CSU/NT loop back&emulation, DSP TIMS, DSO Drop&Insert, ABCD bits monitoring and control
NP-1000-T3	T3 MX3, Bert and performance monitor w/ 1transmitter/receiver
NP-1000-DATACOM note 3	Data bit error testing option: RS-530, RS232 & V.35 interfaces, sync & async, DTE/DCE, error injection, bit/ character/ block modes

**Accessories:**

PART NUMBER	DESCRIPTION
NP-1000-SC	Soft carrying Case
NP-1000-PTR	Thermal Printer with AC adapter and serial DB9M-DB9M cable
NP-1000-PTR-LT	5 rolls of thermal paper for the NP-1000-PTR (Printer)
NP-1000-M-M	6ft Bantam to Bantam cable
NP-1000-RJ48-48	6ft RJ48 to RJ48 cable
NP-1000-BNC-BNC	6ft WECO 560 to WECO 560 cables
NP-1000-RMT	19/23" Rack mount kit
NP-1000-AC	Spare AC adapter
NP-1000-BAT	Spare 12V Li-Ion battery pack
NP-1000RS530DCE	2M DATA CABLE FOR RS-232 AND RS-530, DCE
NP-1000RS530DTE	2M DATA CABLE FOR RS-232 AND RS-530, DTE
NP-1000RS449DCE	2M DATA CABLE FOR RS-449, DCE
NP-1000RS449DTE	2M DATA CABLE FOR RS-449, DTE
NP-1000V.35DCE	2M DATA CABLE FOR V.35, DCE
NP-1000V.35DTE	2M DATA CABLE FOR V.35, DTE
NP-1000X.21DCE	2M DATA CABLE FOR X.21, DCE
NP-1000X.21DTE	2M DATA CABLE FOR X.21, DTE

MODELS	DESCRIPTION
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**NetProbe 1000-T1E1**

T1 and E1 communications analyzer

T1&E1 line and error performance monitoring, T1&E1 Signal level, frequency and clock slip measurements, loop control and detect, CSU and NT Emulation, alarm simulation, BERT testing w/G.821, M2100&G.826(E1), error injection, AB(CD) Signaling bits monitoring, VF input & output w/level adj., microphone talk, speaker, DSP VF Measurements (level, frequency, signal-to-noise, C-notch, C-message or Psophometric filters)(E1),AB(CD)bits control, two way VF drop&insert, ready for downloadable software options and more.

**T1E1-STD PACK** Soft carrying case, a set of 2 RJ48-RJ48 cable, 4 bantam to bantam 6 ft cables, CDROM with user's manual & app notes.

OPTIONS	DESCRIPTION
NP-1000-FRAC	T1 and E1 fractional rx56/64 kb/s contiguous and non-contiguous
NP-1000-PSA	T1 and E1 pulse shape analysis provides on screen results and printout
NP-1000-PRODLY	T1 & E1 round trip propagation delay analysis
NP-1000-SIG1	T1 & E1 dial send and dialed digit display for DTMF, MF, dial pulse, R2
NP-1000-DPRT note3	T1 & E1 drop&insert data port rx56/64kb/s, V.35 interface with DB25
NP-1000-uA	PCM u-law and A-law selection in T1 and E1
NP-1000-WIN	Remote control using PC Windows 9x, 2000, ME, XP interface, test to PC file streaming
NP-1000-DATACOM note 3	Data bit error testing option: RS-530, RS232 & V.35 interfaces, sync & async, DTE/DCE, error injection, bit/ character/ block modes

**Accessories:**

PART NUMBER	DESCRIPTION
NP-1000-SC	Soft carrying Case
NP-1000-PTR	Thermal Printer with AC adapter and serial DB9M-DB9M cable
NP-1000-PTR-LT	5 rolls of thermal paper for the NP-1000-PTR (Printer)
NP-1000-M-M	6ft Bantam to Bantam cable
NP-1000-RJ48-48	6ft RJ48 to RJ48 cable
NP-1000-RMT	19/23" Rack mount kit
NP-1000-AC	Spare AC adapter
NP-1000-BAT	Spare 12V Li-Ion battery pack
NP-1000RS530DCE	2M DATA CABLE FOR RS-232 AND RS-530, DCE
NP-1000RS530DTE	2M DATA CABLE FOR RS-232 AND RS-530, DTE
NP-1000RS449DCE	2M DATA CABLE FOR RS-449, DCE
NP-1000RS449DTE	2M DATA CABLE FOR RS-449, DTE
NP-1000V.35DCE	2M DATA CABLE FOR V.35, DCE
NP-1000V.35DTE	2M DATA CABLE FOR V.35, DTE
NP-1000X.21DCE	2M DATA CABLE FOR X.21, DCE
NP-1000X.21DTE	2M DATA CABLE FOR X.21, DTE

**MODELS****DESCRIPTION****NetProbe 1000-T1**

T1 communications analyzer

T1 line and error performance monitoring, T1 Signal level, frequency and clock slip measurements, loop control and detect, CSU and NT Emulation, alarm simulation, BERT testing w/G.821, error injection, AB(CD) Signaling bits monitoring, VF input & output w/level adj., microphone talk, speaker, DSP VF Measurements (level, frequency, signal-to-noise, C-notch, C-message filters)(E1),AB(CD)bits control, one way VF drop&insert, ready for downloadable software options and more.

**T1-STD PACK** Soft carrying case, a set of 2 RJ48-RJ48 cable, 4 bantam to bantam 6 ft cables, CDROM with user's manual & app notes.

OPTIONS	DESCRIPTION
NP-1000-FRAC	T1 and E1 fractional rx56/64 kb/s contiguous and non-contiguous
NP-1000-PSA	T1 and E1 pulse shape analysis provides on screen results and printout
NP-1000-PRODLY	T1 & E1 round trip propagation delay analysis
NP-1000-SIG1	T1 & E1 dial send and dialed digit display for DTMF, MF, dial pulse, R2
NP-1000-DPRT note3	T1 & E1 drop&insert data port rx56/64kb/s, V.35 interface with DB25
NP-1000-uA	PCM u-law and A-law selection in T1 and E1
NP-1000-WIN	Remote control using PC Windows 9x, 2000, ME, XP interface, test to PC file streaming
NP-1000-DATACOM note 3	Data bit error testing option: RS-530, RS232 & V.35 interfaces, sync & async, DTE/DCE, error injection, bit/ character/ block modes

**Accessories:**

PART NUMBER	DESCRIPTION
NP-1000-SC	Soft carrying Case
NP-1000-PTR	Thermal Printer with AC adapter and serial DB9M-DB9M cable
NP-1000-PTR-LT	5 rolls of thermal paper for the NP-1000-PTR (Printer)
NP-1000-M-M	6ft Bantam to Bantam cable
NP-1000-RJ48-48	6ft RJ48 to RJ48 cable
NP-1000-RMT	19/23" Rack mount kit
NP-1000-AC	Spare AC adapter
NP-1000-BAT	Spare 12V Li-Ion battery pack
NP-1000RS530DCE	2M DATA CABLE FOR RS-232 AND RS-530, DCE
NP-1000RS530DTE	2M DATA CABLE FOR RS-232 AND RS-530, DTE
NP-1000RS449DCE	2M DATA CABLE FOR RS-449, DCE
NP-1000RS449DTE	2M DATA CABLE FOR RS-449, DTE
NP-1000V.35DCE	2M DATA CABLE FOR V.35, DCE
NP-1000V.35DTE	2M DATA CABLE FOR V.35, DTE
NP-1000X.21DCE	2M DATA CABLE FOR X.21, DCE
NP-1000X.21DTE	2M DATA CABLE FOR X.21, DTE

**MODELS****DESCRIPTION****NetProbe 1000-E1**

E1 communications analyzer

E1 line and error performance monitoring, E1 Signal level, frequency and clock slip measurements, loop control and detect, CSU and NT Emulation, alarm simulation, BERT testing w/G.821, M2100&G.826(E1), error injection, AB(CD) Signaling bits monitoring, VF input & output w/level adj., microphone talk, speaker, DSP VF Measurements (level, frequency, signal-to-noise, C-notch, C-message or Psophometric filters)(E1),AB(CD)bits control, two way VF drop&insert, ready for downloadable software options and more.

**SDH-STD PACK** Soft carrying case, a set of 2 SC/SC single mode fiber cables, a set of 2 RJ48-RJ48 cable, 4 bantam to bantam 6 ft cables, CDROM with user's manual & app notes.

OPTIONS	DESCRIPTION
NP-1000-FRAC	T1 and E1 fractional rx56/64 kb/s contiguous and non-contiguous
NP-1000-PSA	T1 and E1 pulse shape analysis provides on screen results and printout
NP-1000-SIG2	Dual T1D and E1D dial send, dialed digit display, scan and wink timer for DTMF, MF & dial pulse
NP-1000-R2FB	R2 forward and backward emulation and dual monitoring, requires NP-1000-SIG2
NP-1000-PRODLY	T1 & E1 round trip propagation delay analysis
NP-1000-SIG1	T1 & E1 dial send and dialed digit display for DTMF, MF, dial pulse, R2
NP-1000-DPRT note3	T1 & E1 drop&insert data port rx56/64kb/s, V.35 interface with DB25

NP-1000-uA	PCM u-law and A-law selection in T1 and E1
NP-1000-WIN	Remote control using PC Windows 9x, 2000, ME, XP interface, test to PC file streaming
NP-1000-DATACOM note 3	Data bit error testing option: RS-530, RS232 & V.35 interfaces, sync & async, DTE/DCE, error injection, bit/ character/ block modes

**Accessories:**

PART NUMBER	DESCRIPTION
NP-1000-SC	Soft carrying Case
NP-1000-PTR	Thermal Printer with AC adapter and serial DB9M-DB9M cable
NP-1000-PTR-LT	5 rolls of thermal paper for the NP-1000-PTR (Printer)
NP-1000-M-M	6ft Bantam to Bantam cable
NP-1000-BNC-BNC	6ft BNC to BNC cables
NP-1000-RJ48-48	6ft RJ48 to RJ48 cable
NP-1000-RMT	19/23" Rack mount kit
NP-1000-AC	Spare AC adapter
NP-1000-BAT	Spare 12V Li-Ion battery pack
NP-1000RS530DCE	2M DATA CABLE FOR RS-232 AND RS-530, DCE
NP-1000RS530DTE	2M DATA CABLE FOR RS-232 AND RS-530, DTE
NP-1000RS449DCE	2M DATA CABLE FOR RS-449, DCE
NP-1000RS449DTE	2M DATA CABLE FOR RS-449, DTE
NP-1000V.35DCE	2M DATA CABLE FOR V.35, DCE
NP-1000V.35DTE	2M DATA CABLE FOR V.35, DTE
NP-1000X.21DCE	2M DATA CABLE FOR X.21, DCE
NP-1000X.21DTE	2M DATA CABLE FOR X.21, DTE

MODELS	DESCRIPTION
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**NetProbe 1000-T3D** Dual T3, T1 (OPTIONAL E1) and DS0 Testing

M13, C-bit, Unframed, dual T3 transmitter/receiver, T3 line monitoring (frequency, clock slips, signal level, error performance), alarm simulation, T3 BERT w/ error injection, T3/T1/DS0 M13, C-bit, Mux/Demux T1 BERT. Independent T1 tester, T1 frequency, signal level, clock slips, CSU/NT loop back & Emulation, DSP TMS, DSO Drop & Insert, ABCD bits monitoring and control, ready for Downloadable software options and more.

**T3D-STD PACK** Soft carrying case, a set of 2 SC/SC single mode fiber cables, a set of 2 RJ48-RJ48 cable, 4 bantam to bantam 6 ft cables, CDROM with user's manual & app notes.

OPTIONS	DESCRIPTION
NP-1000-FRAC	T1 and E1 fractional nx56/64 kb/s contiguous and non-contiguous
NP-1000-PSA	T1 and E1 pulse shape analysis provides on screen results and printout
NP-1000-SIG2	Dual T1D and E1D dial send, dialed digit display, scan and wink timer for DTMF, MF & dial pulse
NP-1000-R2FB	R2 forward and backward emulation and dual monitoring, requires NP-1000-SIG2
NP-1000-PRODLY	T1 & E1 round trip propagation delay analysis
NP-1000-SIG1	T1 & E1 dial send and dialed digit display for DTMF, MF, dial pulse, R2
NP-1000-DPRT note3	T1 & E1 drop&insert data port nx56/64kb/s, V.35 interface with DB25
NP-1000-uA	PCM u-law and A-law selection in T1 and E1
NP-1000-ESFDLM	T1 extended super frame data link monitoring per ANSI T1.403
NP-1000-SS7	Signaling System 7 monitoring layer 2,3 and 4, 1 Mbyte buffer, ISUP (ANSI, ITU), TUP (ITU), TCAP (ANSI, ITU), triggers, filters, printout
NP-1000-ISDN	PRI D channel monitoring, Q.921, Q.931, 1 Mbyte buffer, call origination&answer
NP-1000-WIN	Remote control using PC Windows 9x, 2000, ME, XP interface, test to PC file streaming
NP-1000-GSM	GSM and PCS-1900 voice decoding, TRAU frame monitoring, MAP protocol monitoring
NP-1000-JITE1	E1 jitter generation and Jitter Input Tolerance measurement
NP-1000-DATACOM note 3	Data bit error testing option: RS-530, RS232 & V.35 interfaces, sync & async, DTE/DCE, error injection, bit/ character/ block modes

**Accessories:**

PART NUMBER	DESCRIPTION
NP-1000-SC	Soft carrying Case
NP-1000-PTR	Thermal Printer with AC adapter and serial DB9M-DB9M cable
NP-1000-PTR-LT	5 rolls of thermal paper for the NP-1000-PTR (Printer)
NP-1000-M-M	6ft Bantam to Bantam cable
NP-1000-RJ48-48	6ft RJ48 to RJ48 cable
NP-1000-BNC-BNC	6ft WECCO 560 to WECCO 560 cables
NP-1000-560-560	6ft WECCO 560 to WECCO 560 cables
NP-1000-560-BNC	6ft WECCO 560 to BNC cable
NP-1000-RMT	19/23" Rack mount kit
NP-1000-AC	Spare AC adapter
NP-1000-BAT	Spare 12V Li-Ion battery pack
NP-1000RS530DCE	2M DATA CABLE FOR RS-232 AND RS-530, DCE
NP-1000RS530DTE	2M DATA CABLE FOR RS-232 AND RS-530, DTE
NP-1000RS449DCE	2M DATA CABLE FOR RS-449, DCE
NP-1000RS449DTE	2M DATA CABLE FOR RS-449, DTE
NP-1000V.35DCE	2M DATA CABLE FOR V.35, DCE
NP-1000V.35DTE	2M DATA CABLE FOR V.35, DTE
NP-1000X.21DCE	2M DATA CABLE FOR X.21, DCE
NP-1000X.21DTE	2M DATA CABLE FOR X.21, DTE

MODELS	DESCRIPTION
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**NetProbe 1000-T1E1D** Dual T1 and E1 communications analyzer

Dual T1 & E1 transmitter/receivers, dual T1 & E1 line and error performance monitoring, T1 & E1 Signal level, frequency and clock slip measurements, loop control and detect, CSU and NT Emulation, alarm simulation, BERT testing w/G.821, M2100&G.826 (E1), error injection, AB(CD) Signaling bits monitoring, VF input & output w/level adj, microphone talk, speaker, DSP VF Measurements (level, frequency, signal-to-noise, C-notch, C-message or Psychoacoustic filters(E1)),AB(CD) bits control, two-way VF drp & insert, ready for downloadable software options and more.

**T1E1D-STD PACK** Soft carrying case, a set of 2 RJ48-RJ48 cable, 4 bantam to bantam 6 ft cables, CDROM with user's manual & app notes.

OPTIONS	DESCRIPTION
NP-1000-FRAC	T1 and E1 fractional nx56/64 kb/s contiguous and non-contiguous
NP-1000-PSA	T1 and E1 pulse shape analysis provides on screen results and printout
NP-1000-SIG2	Dual T1D and E1D dial send, dialed digit display, scan and wink timer for DTMF, MF & dial pulse
NP-1000-R2FB	R2 forward and backward emulation and dual monitoring, requires NP-1000-SIG2
NP-1000-PRODLY	T1 & E1 round trip propagation delay analysis
NP-1000-SIG1	T1 & E1 dial send and dialed digit display for DTMF, MF, dial pulse, R2
NP-1000-DPRT note3	T1 & E1 drop&insert data port nx56/64kb/s, V.35 interface with DB25
NP-1000-uA	PCM u-law and A-law selection in T1 and E1

NP-1000-ESFDLM	T1 extended super frame data link monitoring per ANSI T1.403
NP-1000-SS7	Signaling System 7 monitoring layer 2,3 and 4, 1 Mbyte buffer, ISUP (ANSI, ITU), TUP (ITU), TCAP (ANSI, ITU), triggers, filters, printout
NP-1000-ISDN	PRI D channel monitoring, Q.921, Q.931, 1 Mbyte buffer, call origination&answer
NP-1000-WIN	Remote control using PC Windows 9x, 2000, ME, XP interface, test to PC file streaming
NP-1000-GSM	GSM and PCS-1900 voice decoding, TRAU frame monitoring, MAP protocol monitoring
NP-1000-JITE1	E1 jitter generation and Jitter Input Tolerance measurement
NP-1000-DATACOM note 3	Data bit error testing option: RS-530, RS232 & V.35 interfaces, sync & async, DTE/DCE, error injection, bit/ character/ block modes

**Accessories:**

PART NUMBER	DESCRIPTION
NP-1000-SC	Soft carrying Case
NP-1000-PTR	Thermal Printer with AC adapter and serial DB9M-DB9M cable
NP-1000-PTR-LT	5 rolls of thermal paper for the NP-1000-PTR (Printer)
NP-1000-M-M	6ft Bantam to Bantam cable
NP-1000-RJ48-48	6ft RJ48 to RJ48 cable
NP-1000-RMT	19/23" Rack mount kit
NP-1000-AC	Spare AC adapter
NP-1000-BAT	Spare 12V Li-Ion battery pack
NP-1000RS530DCE	2M DATA CABLE FOR RS-232 AND RS-530, DCE
NP-1000RS530DTE	2M DATA CABLE FOR RS-232 AND RS-530, DTE
NP-1000RS449DCE	2M DATA CABLE FOR RS-449, DCE
NP-1000RS449DTE	2M DATA CABLE FOR RS-449, DTE
NP-1000V.35DCE	2M DATA CABLE FOR V.35, DCE
NP-1000V.35DTE	2M DATA CABLE FOR V.35, DTE
NP-1000X.21DCE	2M DATA CABLE FOR X.21, DCE
NP-1000X.21DTE	2M DATA CABLE FOR X.21, DTE

MODELS	DESCRIPTION
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**NetProbe 1000-T1D** Dual T1 Communications analyzer

Dual T1 transmitter/receivers, dual T1 line and error performance monitoring, T1 signal, Level, frequency and clock slip measurements, loop control and detect, CSU and NT Emulation, alarm simulation, BERT testing w/G.821, error injection, AB(CD) signaling bits, Monitoring, VF input & output w/ calibration pot's, microphone talk, speaker, DSP VF. Measurements (level, frequency, signal-to-noise, C-notch, C-message), AB(CD) bits. Control, two-way VF drop VF& insert, ready for download software options and more.

**T1D-STD PACK** Soft carrying case, a set of 2 RJ48-RJ48 cable, 4 bantam to bantam 6 ft cables, CDROM with user's manual & app notes.

OPTIONS	DESCRIPTION
NP-1000-FRAC	T1 and E1 fractional rx56/64 kb/s contiguous and non-contiguous
NP-1000-PSA	T1 and E1 pulse shape analysis provides on screen results and printout
NP-1000-SIG2	Dual T1D and E1D dial send, dialed digit display, scan and wink timer for DTMF, MF & dial pulse
NP-1000-R2FB	R2 forward and backward emulation and dual monitoring, requires NP-1000-SIG2
NP-1000-PRODLY	T1 & E1 round trip propagation delay analysis
NP-1000-SIG1	T1 & E1 dial send and dialed digit display for DTMF, MF, dial pulse, R2
NP-1000-DPRT note3	T1 & E1 drop&insert data port rx56/64kb/s, V.35 interface with DB25
NP-1000-uA	PCM u-law and A-law selection in T1 and E1
NP-1000-ESFDLM	T1 extended super frame data link monitoring per ANSI T1.403
NP-1000-SS7	Signaling System 7 monitoring layer 2,3 and 4, 1 Mbyte buffer, ISUP (ANSI, ITU), TUP (ITU), TCAP (ANSI, ITU), triggers, filters, printout
NP-1000-ISDN	PRI D channel monitoring, Q.921, Q.931, 1 Mbyte buffer, call origination&answer
NP-1000-WIN	Remote control using PC Windows 9x, 2000, ME, XP interface, test to PC file streaming
NP-1000-GSM	GSM and PCS-1900 voice decoding, TRAU frame monitoring, MAP protocol monitoring
NP-1000-DATACOM note 3	Data bit error testing option: RS-530, RS232 & V.35 interfaces, sync & async, DTE/DCE, error injection, bit/ character/ block modes

**Accessories:**

PART NUMBER	DESCRIPTION
NP-1000-SC	Soft carrying Case
NP-1000-PTR	Thermal Printer with AC adapter and serial DB9M-DB9M cable
NP-1000-PTR-LT	5 rolls of thermal paper for the NP-1000-PTR (Printer)
NP-1000-M-M	6ft Bantam to Bantam cable
NP-1000-RJ48-48	6ft RJ48 to RJ48 cable
NP-1000-RMT	19/23" Rack mount kit
NP-1000-AC	Spare AC adapter
NP-1000-BAT	Spare 12V Li-Ion battery pack
NP-1000RS530DCE	2M DATA CABLE FOR RS-232 AND RS-530, DCE
NP-1000RS530DTE	2M DATA CABLE FOR RS-232 AND RS-530, DTE
NP-1000RS449DCE	2M DATA CABLE FOR RS-449, DCE
NP-1000RS449DTE	2M DATA CABLE FOR RS-449, DTE
NP-1000V.35DCE	2M DATA CABLE FOR V.35, DCE
NP-1000V.35DTE	2M DATA CABLE FOR V.35, DTE
NP-1000X.21DCE	2M DATA CABLE FOR X.21, DCE
NP-1000X.21DTE	2M DATA CABLE FOR X.21, DTE

MODELS	DESCRIPTION
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**NetProbe 1000-E1D** Dual E1 communications analyzer

Dual E1 transmitter/receivers, dual E1 line and error performance monitoring, E1 Signal level, frequency and clock slip measurements, loop control and detect, CSU and NT Emulation, alarm simulation, BERT testing w/G.821, M2100&G.826 (E1), error injection, AB(CD) Signaling bits monitoring, VF input& output w/level adj, microphone talk, speaker, DSP VF Measurements (level, frequency, signal-to-noise, C-notch, C-message or Pschometric filters(E1),/AB(CD) bits control, two-way VF drp & insert, ready for downloadable software options and more.

**E1D-STD PACK** Soft carrying case, a set of 2 SC/SC single mode fiber cables, a set of 2 RJ48-RJ48 cable, 4 bantam to bantam 6 ft cables, CDROM with user's manual & app notes.

OPTIONS	DESCRIPTION
NP-1000-FRAC	T1 and E1 fractional rx56/64 kb/s contiguous and non-contiguous
NP-1000-PSA	T1 and E1 pulse shape analysis provides on screen results and printout
NP-1000-SIG2	Dual T1D and E1D dial send, dialed digit display, scan and wink timer for DTMF, MF & dial pulse
NP-1000-R2FB	R2 forward and backward emulation and dual monitoring, requires NP-1000-SIG2
NP-1000-PRODLY	T1 & E1 round trip propagation delay analysis
NP-1000-SIG1	T1 & E1 dial send and dialed digit display for DTMF, MF, dial pulse, R2
NP-1000-DPRT note3	T1 & E1 drop&insert data port rx56/64kb/s, V.35 interface with DB25
NP-1000-uA	PCM u-law and A-law selection in T1 and E1
NP-1000-ESFDLM	T1 extended super frame data link monitoring per ANSI T1.403
NP-1000-SS7	Signaling System 7 monitoring layer 2,3 and 4, 1 Mbyte buffer, ISUP (ANSI, ITU), TUP (ITU), TCAP (ANSI, ITU), triggers, filters, printout

NP-1000-ISDN	PRI D channel monitoring, Q.921, Q.931, 1 Mbyte buffer, call origination&answer
NP-1000-WIN	Remote control using PC Windows 9x, 2000, ME, XP interface, test to PC file streaming
NP-1000-GSM	GSM and PCS-1900 voice decoding, TRAU frame monitoring, MAP protocol monitoring
NP-1000-JITE1 note 5	E1 jitter generation and jitter Input Tolerance measurement
NP-1000-DATACOM note 3	Data bit error testing option: RS-530, RS232 & V.35 interfaces, sync & async, DTE/DCE, error injection, bit/ character/ block modes

**Accessories:**

PART NUMBER	DESCRIPTION
NP-1000-SC	Soft carrying Case
NP-1000-PTR	Thermal Printer with AC adapter and serial DB9M-DB9M cable
NP-1000-PTR-LT	5 rolls of thermal paper for the NP-1000-PTR (Printer)
NP-1000-M-M	6ft Bantam to Bantam cable
NP-1000-RJ48-48	6ft RJ48 to RJ48 cable
NP-1000-RMT	19/23" Rack mount kit
NP-1000-AC	Spare AC adapter
NP-1000-BAT	Spare 12V Li-Ion battery pack
NP-1000RS530DCE	2M DATA CABLE FOR RS-232 AND RS-530, DCE
NP-1000RS530DTE	2M DATA CABLE FOR RS-232 AND RS-530, DTE
NP-1000RS449DCE	2M DATA CABLE FOR RS-449, DCE
NP-1000RS449DTE	2M DATA CABLE FOR RS-449, DTE
NP-1000V.35DCE	2M DATA CABLE FOR V.35, DCE
NP-1000V.35DTE	2M DATA CABLE FOR V.35, DTE
NP-1000X.21DCE	2M DATA CABLE FOR X.21, DCE
NP-1000X.21DTE	2M DATA CABLE FOR X.21, DTE

**Other Accessories:**

NP-1000-ETHER	Serial to Ethernet adapter
NP-1000-EXTBAT	Extended Life Battery Pack- 4-6 hours (standard pack is 2-3 hour)

Note 3: requires hardware addition