

INTRODUCTION



The 7000 Series Network Probe is a compact, multi-function test tool for data communications networks. The Network Probe supports a wide array of test instruments, each providing unique testing and/or monitoring capabilities. Each test instrument is selected and controlled through the use of function softkeys on the Network Probe's keyboard. The instruments, interfaces, communications protocols and code sets supported by the 7000 Series Network Probe are shown in Table 1-1. One or more of these may be optional on certain 7000 Series models and may not be included on your standard system. Optional instruments not included with your model may be ordered separately.

Table 1-1. 7000 Series Supported Instruments, Interfaces, and Protocols.

INSTRUMENTS

- T1/2Mb ✓
- Jitter
- Fractional T1/Nx64
- Primary Rate ISDN
- Basic Rate ISDN ✓
- SNA
- Data Line Monitor (DLM)
- Bit Error Rate Test (BERT/BLERT) ✓
- Lead Status Display
- VT220 Terminal Emulator ✓
- 3101 Terminal Emulator
- Remote Control ✓
- Digital TIMS
- Tone Generator
- Digital Volt Ohm Meter
- Digital Oscilloscope
- Speaker Monitor
- Frame Relay ✓
- Point-to-Point Protocol ✓
- Baudot
- DDCMP
- G.703/64Kbps
- LAPD/X.25 ✓
- Q.921/Q.931 ✓
- SS7/SS#7 (with IS-41)
- V.120
- X.25/X.75
- X.21

INTERFACES

- Banana Jacks (DVOM)
- BNC Connectors (Oscilloscope)
- Serial Printer Port (9-Pin) ✓
- Serial RS-232-C/MIL-188/V.24 Test Port ✓ (25-Pin)
- RS-422/423/449 Test Port (37-Pin) ✓
- V.35 Test Port ✓
- Voice-Handset Connector (Telco) ✓
- Primary and Secondary T1/2Mb Test Ports ✓
- BRI ISDN Test Port Bank ✓
- RS-530
- VGA Video
- X.21 (optional)
- G.703/64 Kbps (optional)

PROTOCOLS/CODE SETS

- ASCII
- EBCDIC
- EBCD
- SNA
- PPP
- DDCMP
- Frame Relay
- HDLC/SDLC and NRZI
- IPARS
- LAPD
- V.120
- Q.921/Q.931 (including National ISDN-2)
- SS7/SS#7 (with IS-41)
- X.21
- X.25
- X.75
- Baudot
- 6-Bit Transcode
- Async
- Bisync

✓ = installed