

## Bert & Protocol Analyzers HCT-6000/ 6000A



### Bert and Datacom Protocol tester

The HCT-6000 is a portable, battery powered communication tester, designed for a wide range of protocol analysis up to 128K bps and BERT (Bit Error Rate Tester) at full T1 (1.544Mbps) or E1 (2.048Mbps) speeds and is fully suitable for equipment installations, on-line or off-line diagnostics, debugging, and interface development. It features a backlit Liquid Crystal Display (LCD), tactile membrane switch keyboard, interface lead indicator LEDs, and internal rechargeable batteries. The unit includes a full assortment of interface adapter cables, comprehensive User Guide, AC power adapter (100 to 240VAC) and a sturdy zippered nylon carry case. The HCT-6000A has the same features as the HCT-6000 with the exception of 2M BERT.

### Features

- 128K BERT (Low Speed)
- 2M BERT (High Speed)
- ASYNC terminal emulation
- Auto Configuration and Scan
- File Management
- Frame Relay Analysis
- Menu driven setup
- On-Line Monitor
- Remote Control
- Self Tests and Diagnostics
- System Reset Function
- Up/Down Load

### Application



### Ordering Info

HCT 6000	A Master unit includes a backlight LCD, pushbutton switch keyboard, internal rechargeable battery, AC power adapter (100~240VAC), soft shell carry case
<b>Hardware Options</b>	
There is one remote control port (RS-232 async) and one printer port (Centronics)	
The standard cable accessories include one remote control cable DB9M to DB9F+DB25F and one printer cable DB15M to C36M	
<b>Software Options</b>	
Optional software packages Frame Relay, PPP/SLIP, SNA ROM, G.826, M.2100	

### Specifications

Basic Interfaces	RS-232C(V.24), RS-449(V.36), RS-530, X.21,V.35, Centronics Printer port, Remote control port (RS-232 async)	
Protocols	ASYNC, SYNC(BSC), HDLC, SDLC, X.25, DDCMP	
Optional	Frame Relay, SNA, PPP, SLIP	
Data Rate	ASYNC	50 — 115,200bps
	SYNC	150 — 128,000bps
Data Code	ASCII, EBCDIC, HEX, IPARS, RANSCODE, EBCD	
Data Length	ASYNC	5,6,7, or 8 bits
	SYNC	8 bits
Parity Bit	ASYNC	None, Odd, Even
Stop Bits	ASYNC	1, 1 1/2, 2
Display Modes	Data only	Full Duplex/ Half Duplex
	Data and Lead	Frame and Packet
Error Check	None, Parity, LRC, CRC-16, CRC-CCITT	
LCD Display	8 lines, 32 characters per line, with backlight and contrast controls	
Capture Buffer	512KB static ram, battery backed up	
Line Monitor	DTE; DCE; DTE & DCE	
Emulation	DTE or DCE	
BERT Patterns	63, 511, 2047, FOX (ASCII), SPACE, MARK, ALT	
BERT Speed	2Mbps (N x 56, N x 64) 128Kbps (HCT6000A)	
LEDs	Leads	TD, RD, RTS, CTS, DSR, DTR, DCD, TC, RC, XTC (both SPACE and MARK)
	Interface	RS-232, V.35, RS-530/449, X.21
	External power	External adapter in use, Sync Loss & Battery low
	I/F power	DC9V out RS-232 I/F pin 9 is on
Power	AC	100 — 240VAC Adapter
	DC	12VDC
Environment	Temperature	0 — 50°C (Operating); -20 — 65°C (Storage)
	Humidity	0 — 90% non condensing
Dimensions(WxDxH)	173mm x 237mm 37mm	
Weight	1.1Kg	