



BENEDICT COMPUTER

Data Line Monitors and Serial Communication Analyzers

Benedict Computer's family of low cost and convenient Data Line Monitors provides the user with the capabilities to:

- Observe flow of data transmitted and received in real time
- Monitor protocols
- Store and examine data characters in any format you need
- Perform timed bit error rate testing
- Start and stop capture based on string or interface triggers

DLM125 / 150

The DLM 100 series offers the most economical, full-featured portable data line monitors available today! They are easy to carry, weighing only 19 ounces. Additionally, they require no AC outlet and offer long battery life (up to 40 hours). The DLM 100 series auto-configure themselves on startup and support serial speeds up to 56kbps.

DLM200

Isolate data quickly with a full view of up to 320 characters captured data. The DLM200 provides a timesaving, intuitive human interface with the most common command printed for easy access directly on the keyboard. Additional convenience is delivered through the use of timesaving minimal-keystroke technology used in the design of the keyboard logic.

DLM250 *NEW!!*

The DLM250 delivers all of the timesaving features of the DLM200, but with twice as much RAM, support for higher speeds, a V.35 interface option and integral tri-state LEDs on the front panel. It also comes packaged with a 102-LED Break-Out-Box at no extra cost.

Now introducing . . . the ILT100 *NEW!!*

The ILT100 solves the problem of auditing a connection to a remote modem, such as you might find at an Internet Service Provider. It attaches directly to an RJ11 wall modular plug and dials a remote modem displaying the dialog on its screen. It can dial a variable number of times and retrain the line a variable number of times to show the average connect speed. It also can record -db. Additionally, with direct entry from the keyboard the ILT may be used as a mini terminal to log into the remote computer.

For additional information visit our Web Site at <http://www.benedictcommunication.com>

DLM250 Data Line Monitor Features

LEDS:	The DLM250 has tri-state Light Emitting Diodes on the 9 most common interface lines: Transmitted Data, Received Data, Request to Send, Clear to Send, Data Terminal Ready, Transmit Clock, and Receive Clock
Line Speeds:	75-57.6 kbps Asynchronous, 75-64 kbps Synchronous, External
Protocols:	Asynchronous, Bisynchronous, SDLC/HDLC, Isochronous
Accessories Included:	The DLM200 package includes all you need to begin monitoring and testing: A 2 compartment carrying case, wall transformer, batteries, 102 LED Break out Box (BOB100), 9 pin to 25 pin adapters, manual plus quick start instructions.
Autoconfigure:	Within 20 characters received, determines protocol, bit rates, number of bits per character, sync character, parity and then automatically sets the proper parameters and presents captured data to the screen
Bit/Block Trans. Tests:	Output any of the following strings: RD/TD buffer FOX All bits user string1/2 FOX2 00, FF Patterns 511 ASCII set 0-FF
Buffer Capacity:	256K bytes of non-volatile RAM for transmitted data and received data
Historical Data:	Saves/displays state of the modem control lines with each byte posted to the capture buffer
Triggers:	Triggers can be set to start or stop data capture on user-defined strings of up to 80 bytes or on interface signal pattern. Start triggers can be automatically reset after occurrence of stop trigger by DLM250
Physical (Handheld):	9.25 x 5.50 x 1.37 inches; 23 ounces 23.5 x 13.5 x 3.3 centimeters; 630 grams
Keyboard:	Full 64 key QWERTY keyboard PLUS PC style directional keypad
Display:	8 line by 30/40-character super twist Liquid Crystal Display
Response Analysis:	Average times between triggers to the millisecond (up to four hours) to measure human, computer and communications line performance
Performance:	Analysis of BERT performance statistics and performance calculations.
Help:	Online printable help for all functions
Interfaces:	RS-232. (RS422, V.35 optional)
Ports:	Serial and Parallel
Parity:	Odd, Even, None
Codes:	ASCII, EBCDIC, BAUDOT, IPARS
Power:	9-volt battery (9 hours with alkaline) or by supplied external transformer

DLM Product Family

DLM125	A compact full featured asynchronous only data line monitor/tester
DLM150	Async/sync DLM plus BERT/ Differential Timer/ Performance tester
DLM200	A compact data analyzer with 8 line display, 64 keys plus PC style keypad, 128K NVRAM
DLM250	Same as DLM200 with 256K RAM 9 Tri-state LED's and higher data rates
ILT100	Internet Line Tester; DLM125 with integral 33.6kbps modem and terminal emulation

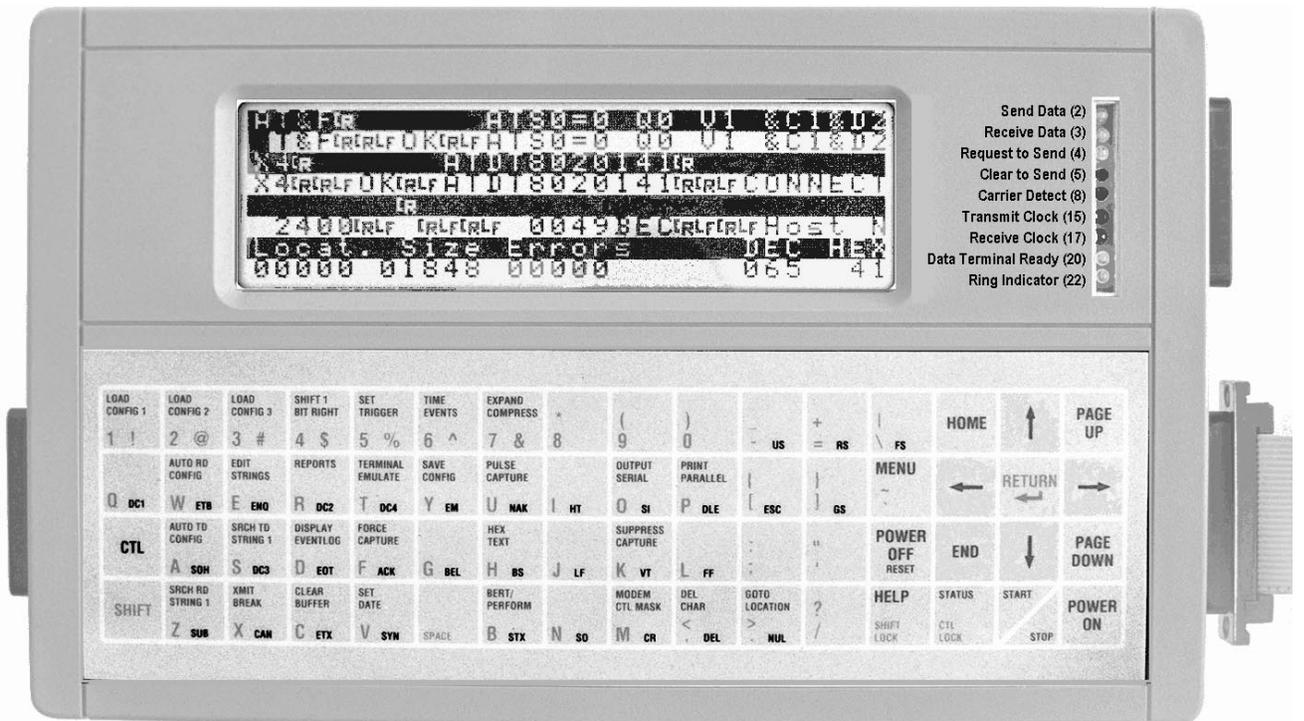
Model	DLM125	DLM150	DLM200	DLM250	ILT100
Keys	6	6	64	64	24
Display	2x40 Char	2x40 Char	8x30/40 Char	8x30/40 Char	2x40 Char
Data Rates	150-38,400	75-57,600	75-57,600/EXT	75-57,600/EXT	150-38.4k+Modem
RAM	32K	32K	128K	256K	128K
Modes	ASYN	SYNC/ASYN	SYNC/ASYN Bit Oriented	SYNC/ASYN Bit Oriented	ASYN
Price	\$795	\$1095	\$2295	\$2795	\$995

Note: All DLM/ILM products ship with a protective case, wall transformer, manual and batteries. DLM 200 series also include a 4-connector ribbon cable, and BOB100.

DLM250 Data Line Monitor with included Accessories



DLM250 Data Line Monitor (close-up)



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