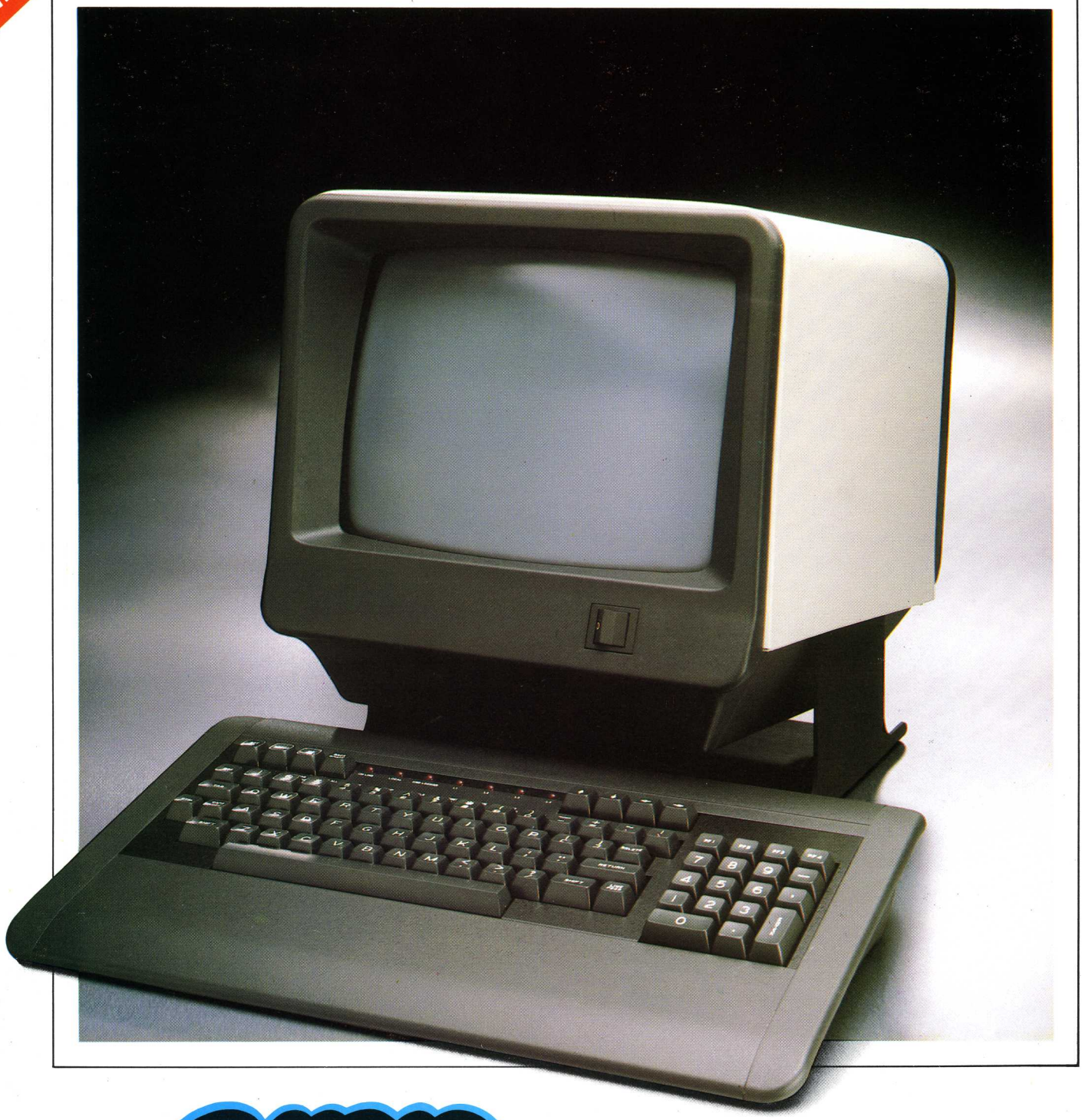
NEW
VT-100* Plus
Additional Features



# ergo 3001

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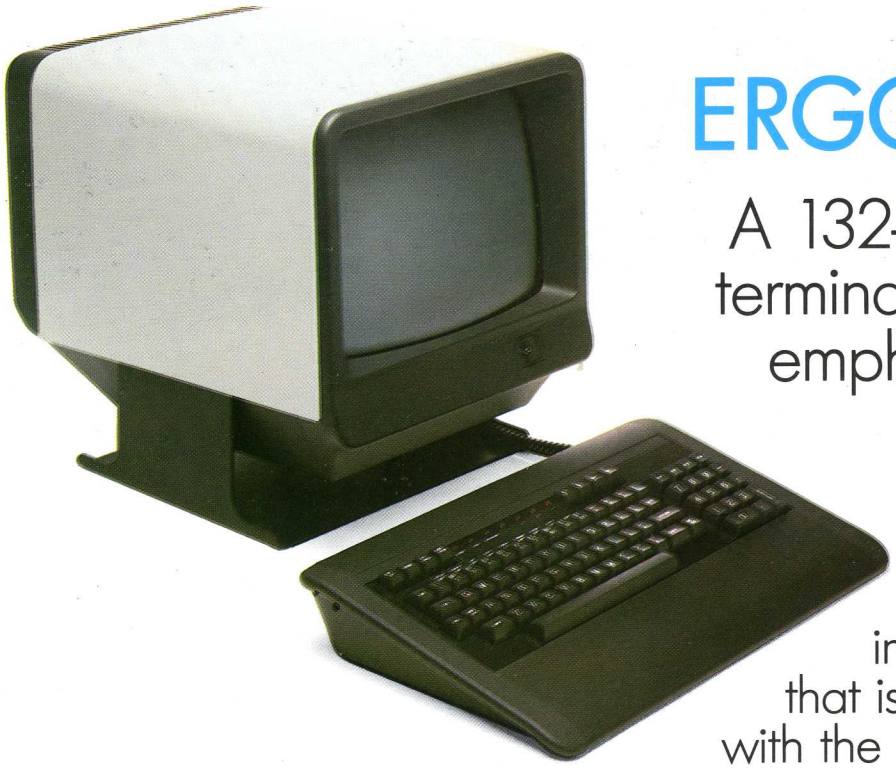
MOUNTAIN VIEW, CALIFORNIA 94043
(415) 964-9300

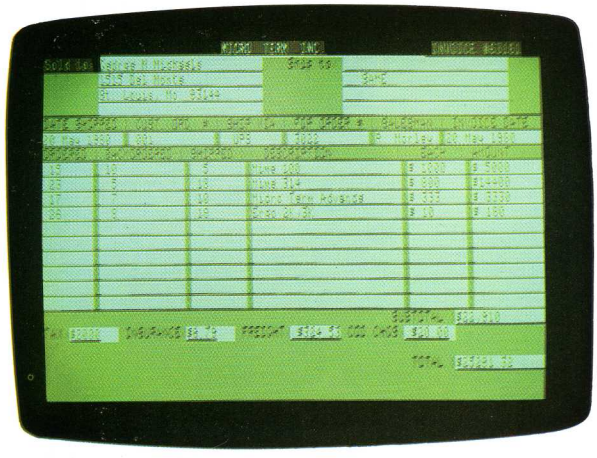
ADVANCED ELECTRONICS IN A HIGHLY HUMAN MODE.



# ERGO 3001

## A 132-column video terminal with special emphasis on human engineering.

Thoughtful ergonomics and advanced video features are combined in this modern terminal that is fully compatible with the DEC-VT 100.*



## THE MONITOR

A premium non-glare green screen is incorporated in a compact housing that is angle adjustable to suit operator height.

The tilt mechanism has a full 25° adjustment arc (far more than normally necessary) to encourage new thinking in the actual placement of the monitor module in your work environment.

## THE KEYBOARD

At this one point where operator and machine touch, a smooth interface is especially important for top efficiency. This detached, low-profile keyboard with integrated palm rest is truly state-of-the-art. The layout priority is based on operator comfort and familiarity. The typewriter pad is stepped in the traditional pattern, while the calculator pad is flat to conform to typical calculator format. There are four user programmable function keys, and seven LED indicators built into the keyboard to highlight current terminal status.

## AND IT'S LOADED WITH EXTRA ELECTRONIC FEATURES...

The ERGO 3001 is fully code-compatible with the VT100* and offers as standard equipment features that are extra price options on similar video terminals.

Advanced video—132 column by 24 lines —is standard, as is a full range of video attributes including underlining, reverse video, blinking fields, and dual intensity.

A bidirectional serial printer port with full editing capability is standard.

Two pages of memory in 80 column mode.

A 256-character buffer is standard to insure no data loss at high baud rates.

Diagnostic mode, the terminal will display all control codes. A 25th line shows status of DSR, CTS, and DTR lines as well as input buffer fill.

Superior 132 column clarity.

Green non-glare screen with Screen Saver.

Plain English set-ups for ease of use.

Four non-volatile user programmable function keys.

and there are even more details on the back →

# ergo 3001

## *A 132-column video terminal with special emphasis on human engineering.*

*In addition to its many pleasing ergonomic features, the Ergo 3001 is fully code-compatible with the DEC VT-100* Terminal and offers, as standard equipment many features which the VT-100* lacks.*

## FEATURES

**Special Enhancements**

- 256 character buffer
- Two pages of memory standard in 80 column mode
- Diagnostic mode: The terminal will display all control codes. A 25th line shows status of DSR, CTS, and DTR lines as well as input buffer fill
- Set-up mode with English prompts for ease of bit selection

**Character Attributes**

- 7x9 dot matrix with 2 dot descenders
- 96 ASCII plus 32 line drawing and graphics characters
- User selectable double-size characters
- User selectable cursor, reverse blinking block or underline
- Reverse video, blinking, underline, and dual intensity, user selectable on a character-by-character basis
- Dark characters on a light screen or light characters on a dark screen, user selectable

**Keyboard**

- Separate 14 key numeric cluster
- Four non-volatile user programmable function keys
- Four cursor control keys
- SET UP and SCROLL keys
- Audible click from each keystroke, user selectable on/off
- Auto repeat keys, user selectable on/off
- Seven light-emitting diodes for diagnostic aids and operator information

**Screen Attributes**

- User selectable display format, 80x24 or 132x24
- Bidirectional smooth scrolling
- Split screen capability
- Set-up modes (A, B, & C)
- Fixed and settable tabs
- Visual reminder of "No Scroll" status
- Monitor Saver—automatically shuts display off after approximately 9 minutes of non-nuse. Depression of any key, or receipt of character from computer restores all data on screen without change.
- Selectable Character Generator

**General**

- ANSI compatibility mode
- VT52 compatability mode
- Transmission speeds up to 19,200 baud
- Full duplex, asynchronous communication lines
- Modular assembly for easy service
- Built-in self-test diagnostics on power up
- US and five other National Character Sets

## GENERAL SPECIFICATIONS

**Data Rates:** 50, 75, 110, 134.5, 150, 300, 600, 1200, 1800, 2000, 2400, 3600, 4800, 7200, 9600, 19200

**Interface:** Serial, asynchronous RS232C
Full duplex, 20mA Current loop, Echo Mode

**Parity:** Odd, even, or none

**Monitor:** High resolution 12 inch diagonal screen, Green P-31, Non-Glare

**Bell:** Audible alarm on receipt of Control G

**Printer Port:** Bidirectional printer port with full editing capability

**Size:** 12.8″W x 15.8″L x 14.7″H

**Weight:** 44 lbs.

**Power Requirements:**
Standard: 115 volts, 60 Hz
Optional: 220 volts, 50 Hz

**Power Consumption:** 42 watts

**Operating Environment:**
5° to 41° C (41° to 105° F)
Relative Humidity 5% to 95% Non-condensing

Specifications subject to change without notice.

*DEC and VT-100 are registered trade marks of Digital Equipment Corporation

MICRO-TERM, INC.

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