

VT100



TS-100SP

WITH SMART PAGING

The TS-100SP offers full VT-100 emulation and all features from FALCO's popular TS-1, making it one of the most versatile terminals on the market.

- DEC VT-100 emulation
- Conversation and block modes
- Software controlled setup
- Local editing commands
- Local printer port
- Special display of control characters
- 128 special graphic characters
- Programmable function keys give 14 separate functions
- Standard green P31 phosphor screen
- Handles lines up to 254 characters long
- Seven cursor types, including block, underline, blinking
- Display shows cursor and window location
- Tab position display
- Split screen
- Continuously displayed status line
- Accepts "TS-212 Plus" modem
- Optional TS-10 graphics board is compatible with Tektronix Plot 10™
- Plus all the features of the TS-1 model

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The **TS-100SP** has a buffer that stores more data than can be displayed on the screen. This feature means the user can be working on data locally, save this screen, activate conversation with the host, and request a new screen of data. The original data is not lost, and a single command restores the original data to the screen.

Any line stored in the Smart Paging buffer can be displayed by scrolling horizontally or vertically. Scrolling is achieved by moving a window that looks at data in the buffer. The operator can always tell where the window is located by checking the status line. Single lines can be up to 254 characters long, almost twice the VT-100 maximum.

Both conversational and block transmissions can be sent to either the host or the local printer. Data for transmission can be selected from the current screen or from background-page data stored in the smart paging buffer.

Text can be edited locally without using the host computer software. Additionally, the TSP-100SP provides a special entry mode, permitting screen display of control characters such as line feed, carriage return, and horizontal tab.

Two sets of programmable function keys make the keyboard especially flexible. Four keys are available for the usual system procedures, emulating the PF keys on the VT-100. Seven additional keys are available to the operator, providing an additional 14 user-defined functions. Up to 300 characters can be stored in programmable function key memory.

The two interface ports can be independently configured from a software controlled setup menu. Software controls baud rate, stop bits, parity and data word size. When connected to a local printer, the TS-100SP can control the printer or the host can use the terminal to send data to the printer.

All native TS-1 commands are available for use by programmers and operators. The TS-100SP comes with 128 character graphic firmware as standard. Like the VT-100, the TS-100SP emulates the DEC VT-52.

Specifications

Display Size	12-inch diagonal screen; 22 cm × 15 cm (8.0" × 6.0").
Video Monitor	Green P31 phosphor is standard, with white P4E or amber PC134 available as options. 50 or 60 Hz refresh.
Resolution	8 × 12 character cell with 6 × 10 character; lower case descenders.
Character Set	Complete 128 ASCII character set is fully displayable; 128 graphic characters, including business graphics.
Control Logic	Z-80 microprocessor-based logic board.
Memory	16K ROM; 2K display RAM; 16K RAM in the smart paging buffer; 1K RAM for attribute and continuous memory of setup data.
Interfaces	Two RS-232C ports are standard; RS-422 or current loop optional. Sixteen baud rates from 50 to 19,200.
Power	Standard 115/230 Vac ±20%; 50 W maximum; 50 or 60 Hz.
Operating Environment	5 to 45°C; relative humidity 10 to 90% non-condensing.
Composite Video Out	External wide band monitors can be added as an option. Sync frequency 19.2 kHz.
Dimensions	Main unit: height 30.5 cm (12"), width 40.6 cm (16"), depth 35.6 cm (14"). Keyboard: height 6.4 cm (2.5"), width 40.6 cm (16"), depth 21.6 cm (8.5").
Weight	26 lb.

Dealer

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