Sanders 5700 Display/Tape System
Sanders 5700 Display/Tape System is a new dimension in

- Costs per record processed are lowest ever
- Data entry is performed by ordinary typists
- More, better, and faster work is performed by fewer people
direct display-to-tape data entry . . .

A Revolution in Paper Tape Data Processing
Sanders announces an end to the familiar noisy, error-prone, and costly paper tape preparation process. Based on our field-proven 720 Data Display, the new Sanders 5700 Display/Tape System produces verified tape rapidly and inexpensively. Simple operation is the key . . . the system can be easily used by any typist after only a few minutes instruction.

This unprecedented efficiency is obtained through two features. First, an exact replica of the source document format is instantly displayed on the screen from a pre-punched paper tape. Your typist merely fills in the blanks, tabbing from field to field until the record is complete. Data entry is simple and fast; all information appears on the screen in clear, easy-to-read characters for ready editing and verification.

Second, all keyed data is held in an internal memory until the operator is satisfied that it is correct and free from error. Then, at the touch of a single button, all information is transmitted directly to the high-speed punch. At any time your operator may change data entered in the system memory by rapidly moving a bright "cursor" on the screen to the incorrect field—and then overtyping, inserting, or deleting characters.

No tape is ever punched until the record is error-free. No more retyping of complex record forms, no manual back-spacing of paper tape, no separate verifying operations . . . the operator keys in comfort and confidence.

An exact, tape-generated replica of your source document is displayed on the Sanders 5700 System screen. Your operator just fills in the blank information until the record is complete, touches a "send" button, instantly activating any of several remote high-speed punches.
Exceptional simplicity is the key to Sanders 5700 System. Data can be entered via a typewriter-style keyboard in a typical low-noise office environment. Once the displayed data is verified, it is then sent, via the keyboard, to a punch which can be located up to 1000 feet from your office.

The facing page illustrates the simplicity and versatility available to you with Sanders 5700 Display/Tape System. This example demonstrates how our advanced System 5709 handles order entry, separate verification, and record updating operations.

ORDER ENTRY
The document format is loaded into display No. 1 through tape reader No. 1. Source document variable information is then typed in. After each record is displayed, it is sent directly to punch No. 1 by touching a single button. Continuous page tape from punch No. 1 is read by reader No. 2.

VERIFICATION
The reader “on” switch at display No. 2 enables your operator to display each record created by order entry. Effortless verification is accomplished when the displayed record is compared with the original source document which has now moved to the verification station.

Once the operator is sure the displayed record is prepared exactly as on the source document, the record is sent to punch No. 2 where a pending order tape is created.

UPDATE
The pending order tape and original source document are now part of the pending order file. Each record of this file is entered on display No. 3 through reader No. 3. Any updating of the record is performed here. The record is then sent to punch No. 3 where a 5-level (Baudot) tape is created by the integral code converter for transmission over a telephone line to a remote location.

NOTE: During peak workloads, operators at display Nos. 2 and 3 can send, via a keyboard punch selector switch, to the order entry punch No. 1 to assist operator No. 1. This switch enables your operators to transmit to any one of three punches.
**Model 5709 Advanced Paper Tape System**

This system greatly adds to flexibility and efficiency. It combines all basic features of the Model 5708 plus multiple-punch switching and integral code conversion in an identical package size. Output may be manually switched at each display station to any one of up to three high-speed punches. You may also elect integral code conversion, giving the option of using either 8-level (ASCII) or 5-level (Baudot) tapes. In fact, 5-level and 8-level readers and punches can be intermixed in any combination for simultaneous operation.

Systems may be configured with input devices located up to 1000 cable feet from the 5709 control unit. Output devices can be as far as 50 cable feet. This offers exceptional versatility in meeting your office layout requirements. Model 5709 systems are fully expandable to their maximum configuration at any future time.

### Input Interface

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Input Readers</td>
<td>1, 2, or 3</td>
</tr>
<tr>
<td>Input Code</td>
<td>ASCII (8-level) or Baudot (5-level)</td>
</tr>
<tr>
<td>Maximum Cable Length (5709 to Reader)</td>
<td>1000 cable feet</td>
</tr>
<tr>
<td>Type of Reader</td>
<td>High-Speed Reader, 8 or 5-level</td>
</tr>
<tr>
<td>Input Format</td>
<td>5 or 7 parallel data lines (parity unused) plus strobe</td>
</tr>
<tr>
<td>Input Rate</td>
<td>0 to 45 characters per second</td>
</tr>
<tr>
<td>Input Logic Levels</td>
<td>Contact closure</td>
</tr>
<tr>
<td>Synchronization</td>
<td>Strobe provided by reader</td>
</tr>
</tbody>
</table>

### Output Interface

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Output Punches</td>
<td>1, 2, or 3</td>
</tr>
<tr>
<td>Operator Control or Output</td>
<td>Switch box attached to display keyboard selects desired punch</td>
</tr>
<tr>
<td>Maximum Cable Length</td>
<td>50 cable feet</td>
</tr>
<tr>
<td>Output Code</td>
<td>ASCII (8 level) or Baudot (5 level)</td>
</tr>
<tr>
<td>Type of Punch</td>
<td>High-Speed Punch</td>
</tr>
<tr>
<td>Output Format</td>
<td>5 or 7 data lines (parity unused) plus strobe</td>
</tr>
<tr>
<td>Output Rate</td>
<td>18 characters/second</td>
</tr>
<tr>
<td>Output Logic Levels</td>
<td>Logical 1 = -6 volts Logical 0 = 0 volts</td>
</tr>
<tr>
<td>Synchronization</td>
<td>Strobe provided to punch by Model 5709</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>Operating 60° to 100° F Storage 40° to 120° F</td>
</tr>
<tr>
<td>Relative Humidity</td>
<td>Up to 90%</td>
</tr>
</tbody>
</table>
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Continuing research and improvement may result in specification changes at any time.