

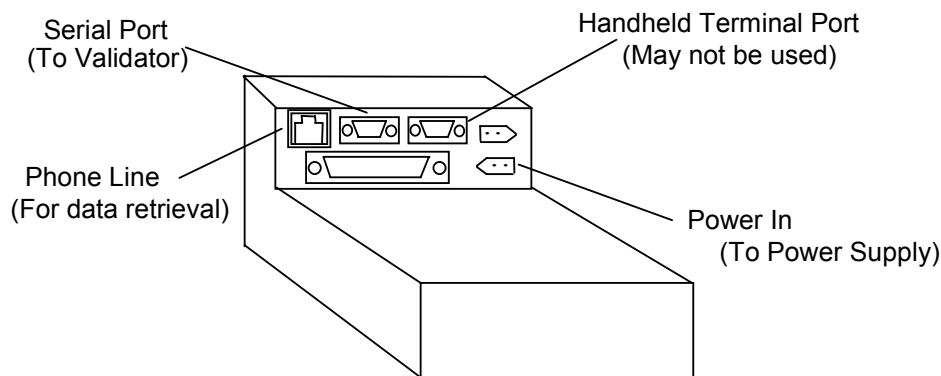
# Hamilton Manufacturing Corporation

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## Instructions for STA Data Collection Setup

### Purpose:

The test setup consists of a data collection computer box, a power supply, and serial data cable. The purpose of this unit is to collect data on the activity of the validator before, during, and after a bill is accepted or rejected. The data is transmitted from the validator via the serial cable to a the computer box where it is stored for later retrieval. This data will be helpful to Hamilton in determining the normal operating characteristics of the validator in the field, and the cause of any problems that may occur.



### Installation:

Connect the serial cable from the validator to the data collection computer box (shown above) at the 9-pin “D” connector marked “To STA”. This cable snaps into the side of the STA validator like a modular telephone connector. The computer box can be placed anywhere in the cabinet that is convenient and within reach of the cables. In a changer, you may need to make a small shelf above the hopper with a piece of cardboard to support the computer box. A power cube connected to an AC outlet is required to supply operating power to the computer. It connects to the computer box with a 2-pin molex plug. Another 9-pin “D” connector is present on the computer box for connection to a handheld data terminal. In most situations the handheld terminal is not required so this connector is not used.

### Data Retrieval:

When ready to transmit data back to Hamilton for analysis the computer box must be connected to a telephone line. If it is more convenient the computer can be disconnected from the validator and moved (along with its power supply) to a location near a phone line. The validator will continue to work normally without the computer connected, however, no data will be captured.

Contact Hamilton at 800-837-5561 for specific instructions when you are ready to send back data for analysis. In some cases you may be instructed to ship the data collection computer box back to Hamilton if data retrieval by telephone is not practical.