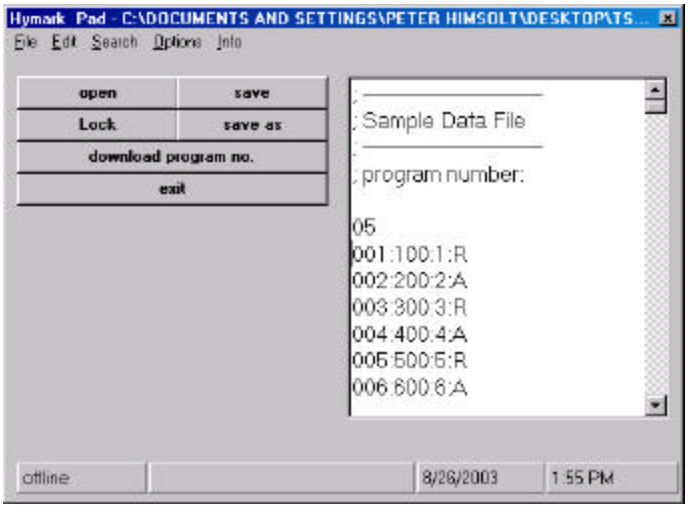
TS312
PC Terminal Software
for Windows 98, ME, 2000 and XP



INSTRUCTION MANUAL

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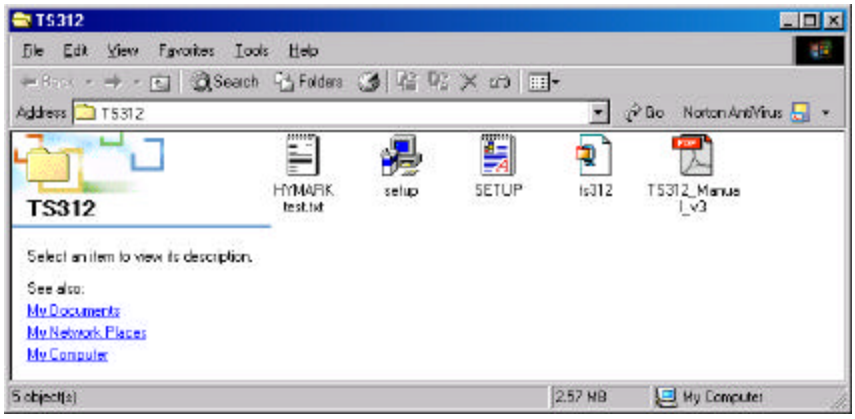
(270) 683-3500 – Fax (270) 683-2500
www.kentuckygauge.com

1. Getting installed

To install Hymark TS312 terminal software

- Insert Hymark TS312 compact disk into your CD -ROM drive
- Select your CD-Rom drive
- The Hymark TS312 CD contains the following files:



- Double click and follow the Setup Wizard instruct ions on your screen

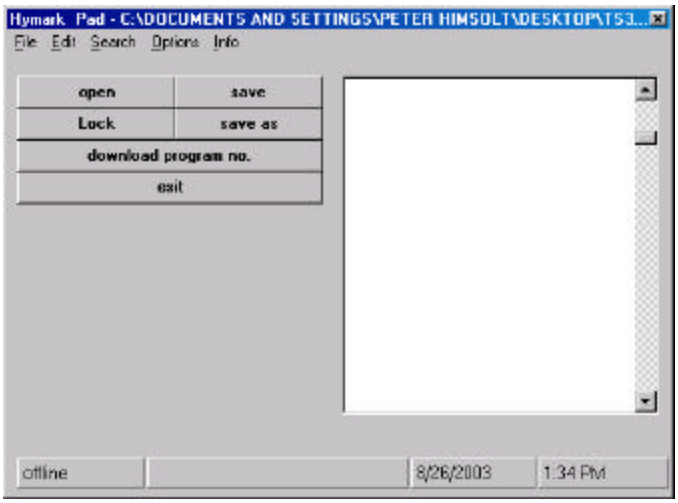
Setup.exe

2. Getting started

To start Hymark TS312 terminal software

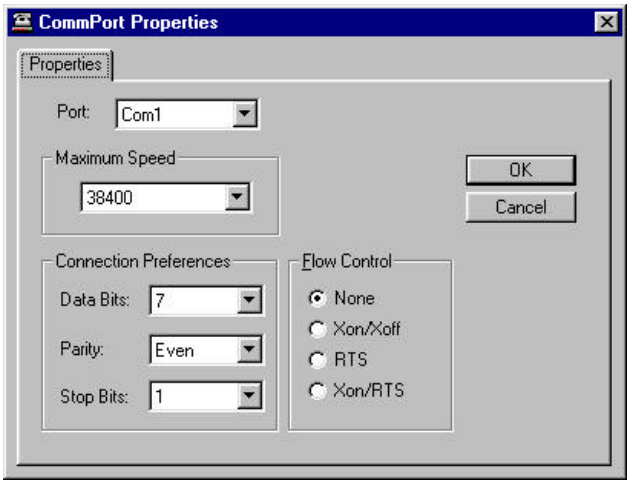
- Click Start, point to **Programs** (or **All Programs**, depending on your operating system), click **hymark ts312** and then click **hymark ts312**

- You should now see the following window:



3. Select port and enter baud rate

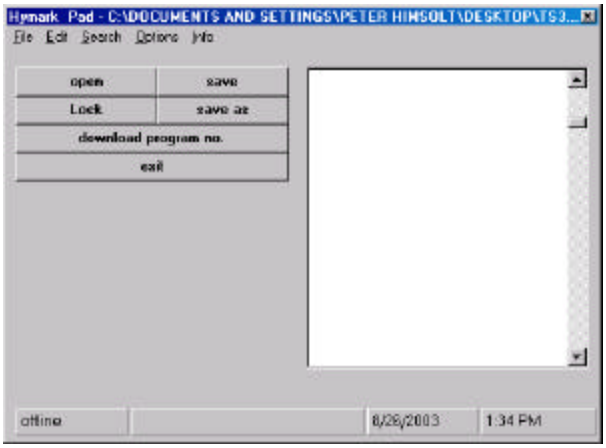
- Click **Options** and point to **Select CommPort:**



- Select your serial port
- Enter baud rate to “Maximum Speed” window
- Available baud rates are: 4800, 9600, 19200, 38400

Note: Baud rate entered here must match Baud rate entered into the parameter All/P91 of the Hymark position controller (see controller manual)

4. Connect your computer and the Hymark position controller via RS232 cable



The TS312 terminal software is checking eery 5 seconds for the serial communication with the position controller. The status of the left window will change to “online” if the serial communication works properly. The next window to the right will then show the “max. program number” to be downloaded as entered in parameter All/P60 of the positioning controller (see controller manual)

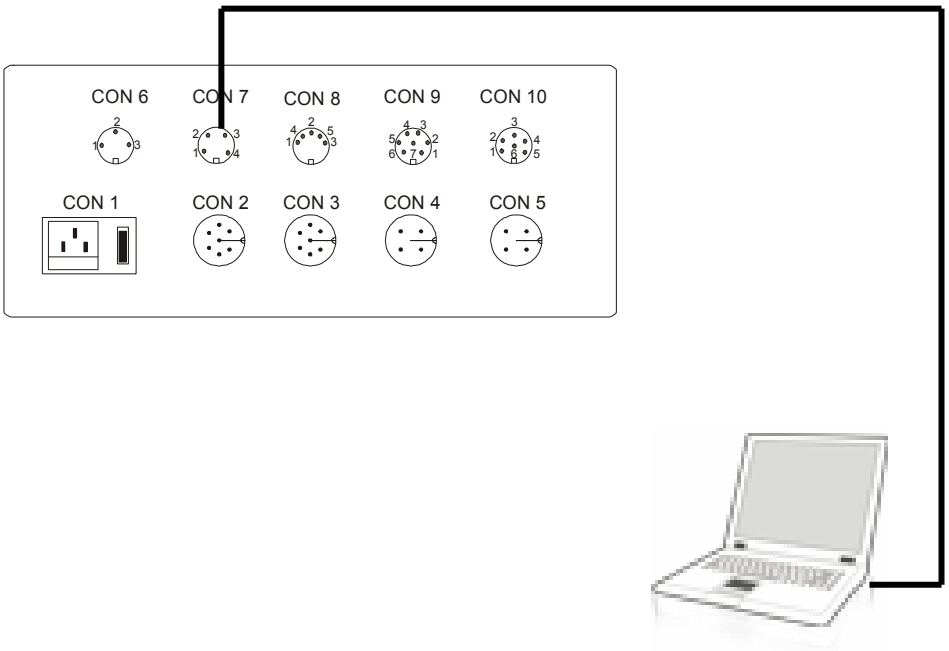
Using a USB to Serial adapter (requires version ts312_V3-5 or later):

If using a USB to Serial adapter, locate the correct comm port. Depending upon your operating system, location of ports may be done in varying manners.

Hints for XP systems:

-(Start) Open “Control Panel”
-Open “System Properties”
-Open “Hardware” tab
-Click “Device Manager”
-Expand Ports table (COM & LPT) to view port details

Important for use with version ts312_V3-5: In order to be “online,” connectivity must be present between PC / Laptop and the PS312 controller. The PS312 controller must be “on” prior to opening the TS312 software. If changing the comm port, you must close the software after changing the port and then reopen. Again, the PS312 controller must be “on” (and connected to PC / Laptop) prior opening the TS312 software.

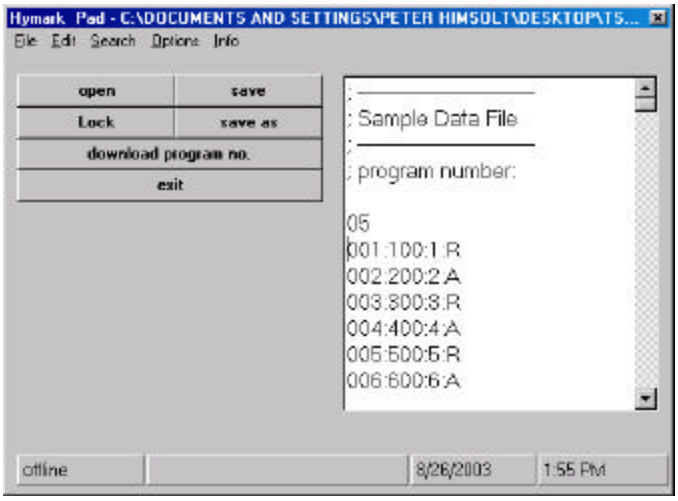


5. Get a text file (*.txt) for download

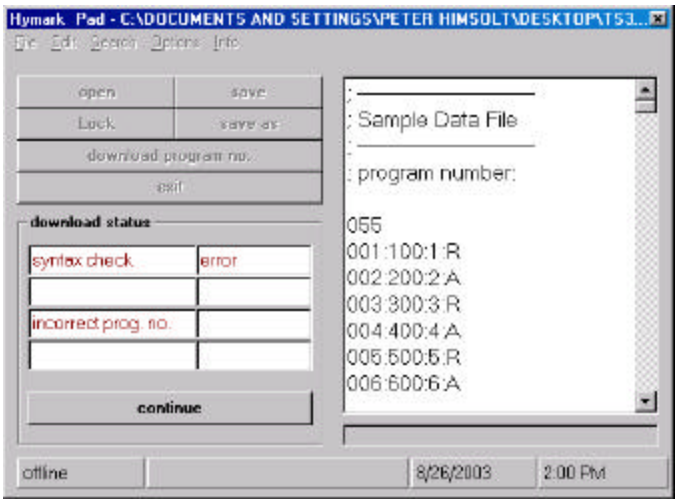
- Click **unlock** and enter your program into the textbox

or

- Click **open** to search and upload an existing text file (*.txt)



- Click **download program no.** to submit the text file to the position controller
- If the syntax of the text file is correct and the serial communication via RS232 is working properly you will get the download status message: “download successful”
- If there is any problem with wrong syntax etc you will get a detailed error message about address line and kind of syntax error



Note: The PS312P Position controller must be in “Single Positioning Mode” to accept program download. Downloading in Program Mode or Manual Mode is not allowed