

MSI9300

*PortaWeigh Plus Crane Scales
PortaWeigh Plus Hi-Torque Crane Scales*

Setup Exit Guide



**Measurement Systems
International™**

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The following procedure MUST be performed to properly save and exit from the MSI-9000CellScale setup / configuration menus when used in conjunction with the MSI-9300 or MSI-9300HT that is operated by version 5-20, or later MSI-9000 application software.

This procedure is to be performed after **ALL** calibration(s) and configuration(s) are complete. It also **MUST** be performed after any connection to a PC, even if no changes were made.

- 1). Perform all calibration & setup as required per application and exit to Main Menu.

```

----- MSI 9000 - CellScale -----
- (c) 2006 Measurement Systems International -
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12:25:24                                01/01/08

(1) Channels/Calibration
(2) Communications
(3) Display
(4) Feature Locks/Passwords
(5) Product IDs
(6) Set Points
(7) System
(8) About...

Enter choice :

```

- 2). Select **(2) Communications.**

```

***** Communications Setup *****

(1) Commport 1:      Terminal
(2) Commport 2:      RF Modem
(3) Commport 3:      RF Host
(4) Commport 4:      RF Host
(5) Commport 5:      RF Host
(6) Data Strings
(7) Registry
(8) Setup KF host commands
(9) Assigned Legal For Trade Control Device: 200
(A) RF Network List
(ESC) Exit

```

- 3). Select **(1) Commport 1: Terminal.**

```

***** Commport 1 Settings *****

(1) Function:      Terminal
(2) Baud rate:      9600
(3) Standard:       RS-232
(4) Mode:           Duplex
(5) Data bits:      8
(6) Parity:         None
(7) Protocol/Handshake: None

(N) APPLY ALL COMMPORT SETTINGS NOW!

(ESC) Exit

```



4). Select **(1)**

```
***** Commport 1 Settings *****  
  
(1) Function:      Host  
(2) Baud rate:      9600  
(3) Standard:      RS-232  
(4) Mode:          Duplex  
(5) Data bits:     8  
(6) Parity:        None  
(7) Type:          MSI  
(8) Protocol/Handshake: None  
(b) Control:       On command  
(d) Interval:      every 1000 milliseconds  
(e) Motion:        Enabled  
  
(N)  APPLY ALL COMMPORT SETTINGS NOW!  
  
(ESC) Exit
```

Note function change from **Terminal** to **Host**.

5). Press **(N) APPLY ALL COMMPORT SETTINGS NOW!**

```
***** Commport 1 Settings *****  
  
(1) Function:      Host  
(2) Baud rate:     9600  
(3) Standard:     RS-232  
(4) Mode:         Duplex  
(5) Data bits:    8  
(6) Parity:       None  
(7) Type:        MSI  
(8) Protocol/Handshake: None  
(b) Control:     On command  
(d) Interval:    every 1000 milliseconds  
(e) Motion:      Enabled  
  
(N)  APPLY ALL COMMPORT SETTINGS NOW!  
  
(ESC) Exit  
  
N
```



- 6). Wait for a minimum of 1 min. PC screen may or may not refresh automatically, dependent upon terminal program used. Type **@W1**. Applied load should appear as shown.

```
**** Commport 1 Settings ****
(1) Function:      Host
(2) Baud rate:    9600
(3) Standard:    RS-232
(4) Mode:        Duplex
(5) Data bits:   8
(6) Parity:      None
(7) Type:        MSI
(8) Protocol/Handshake: None
(b) Control:     On command
(d) Interval:    every 1000 milliseconds
(e) Motion:      Enabled

(N) APPLY ALL COMMPORT SETTINGS NOW!

(ESC) Exit
0 LB GROSS
```

- 7). Procedure is now complete. Disconnect comm. cable from scale and cycle power.

Please note that any previously set **TARE**, **ZERO**, and **TOTAL** values will **NOT** be saved or recovered. These values, if used, will need to be re-entered via normal scale operations.



Notes on terminal programs

There are several terminal programs available for every platform. Below are some notes on terminal programs that are used regularly at MSI for communicating with CellScale products.

TeraTermPro

Get from downloads.com or MSI can e-mail "tterm23.zip"
After installing, start the program Start -> Programs -> TeraTermPro
Select "serial" and COM1 or whichever port being used (DO NOT SELECT TCP/IP) Hit
OK
Set-up Serial port
Port: COM1
Baud Rate: 9600
Data: 8 bits
Parity: none
Stop: 1 bit
Flow Control: none
Hit OK May need to hit space bar to refresh display.

HyperTerminal

Comes with Windows Start -> Programs -> Accessories -> Communications ->
HyperTerminal -> Hyperterm.exe
Name connection CSCom1 (any name is fine)
Under connect using:
Direct to Com1 DO NOT TYPE PHONE NUMBER IN!
Hit OK
Port Settings
Baud Rate: 9600
Data: 8 bits
Parity: none
Stop: 1 bit
Flow Control: Hardware
Hit OK

May need to press space bar to refresh the display When done, save session as you named it earlier and an icon will be created so you will not have to go through set-up in the future.

ProComm Plus

After installed: Programs Procomm Plus
Data Terminal Set-up – set-up bar is at the bottom of the screen. To change, click on the appropriate parameter and set to the following:
Port: Direct connect-Com1
Baud: 9600
Parity-Data bits-Stop bits: N-8-1
Hit 'r' key to refresh



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