

For the 6500 Series Panel Mount Wall System

PROCESS WEIGHING Applications

- Inventory Measurement
- Level Measurement
- Batching/Blending
- Filling/Dispensing/Dosing



Save Time and Money with a
 Preconfigured Wall Mount
 Solution

Features

THE HARDY PROCESS TOOLBOX

The Hardy Process Toolbox is a set of productivity tools that delivers value across process weighing functions. Each tool saves time, increases accuracy, improves efficiency or reduces risk in your process weighing applications.



Electronic calibration without test weights



Weighing system monitoring,
 diagnostics and troubleshooting



IP66 Instrument Display Rating

Nema 4X

Hazardous Class I, II, III/DIV 2

Off-The-Shelf, Pre-assembled

Reduce your time to Design, Develop and Deploy

Designed for use in hazardous Class I, II, III/ DIV 2 applications, the Hardy HI 6500 series of weight processors are now available factory installed in a stainless steel (Nema 4x) enclosure with an IP66 rated display panel. With a built in summing card, the Panel Mount Wall System (PMWS) eliminates the need for a system junction box.

EASY INSTALLATION

Just hang it on the wall, connect your load cells to the built in summing card and you are ready to calibrate! The PMWS eliminates the following headaches:

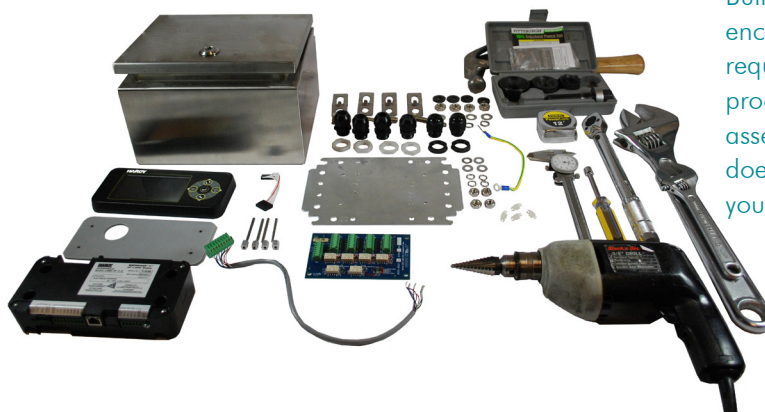
- What is the best size of box to use?
- Where do I need to drill holes?
- What size of glands should I use?
- Do I have the right washers and fittings?
- Do I have enough room for cables?
- Where do I position the summing card?
- Do I have the right tools? Punch kit?

SIMPLE SET-UP & CALIBRATION

Each PMWS comes with a keyboard and display for easy instrument access. The embedded webserver in the weight processor enables access to setup and calibration from anywhere on your network. The display adds front panel keys, simple menus and help text to make local control elementary. Use Hardy's exclusive C2® for automatic system calibration to save hours in commissioning and routine maintenance.

QUICK MAINTENANCE & DIAGNOSTICS

Use INTEGRATED TECHNICIAN® to maintain and troubleshoot the weighing system from anywhere in the world or use Hardy's intuitive local display. Store all the system parameters on a USB, clone settings between channels, and restore settings with the press of a button. Quick-disconnects on all wiring makes replacing a damaged load point a snap!

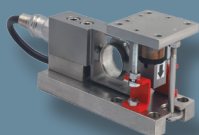


Building a Nema 4X enclosure from scratch requires hours of procurement and assembly. The PMWS does all the work for you!

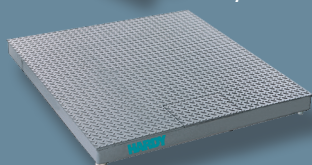
COMPONENTS TO COMPLETE YOUR HARDY SYSTEM

Hardy Bench Scales, Floor Scales and Load Points

Hardy carries a wide variety of strain gauge load points and scale bases to accommodate your application requirements.



ADVANTAGE Series
with C2 Calibration



Hardy Floor Scales

Weighing Instruments Dedi- cated to Your Applications

Controllers, Weigh Modules, Weight
Processors & Transmitters

Allen-Bradley® Compatible
Plug-in Weigh Scale Modules



HI 3000 & HI 4000
Controllers and
HI 6X00 Series Weight
Processors



SPECIFICATIONS

Panel Mount Wall System(PMWS)

Enclosure

- Stainless Steel
- Latched opening with hinged lid and key
- Display tested to IP66 conditions
- Room for excess C2 cables and 120VAC converter

Number of Load Cells

- Up to 4 at 350 Ω

Impedance Range

- 0-10 Ω

Connector Type

- Phoenix Terminal Block
- 7 pin, 1 row, 3.5 mm pitch

Excitation

- 5VDC

Power

- 12-26 VDC
- Up to 7 watts nominal per weight processor

Max Current

- 180mA at 250'
- Max Current/Load Cell: 80mA

Wire Diameter

- 22-24 AWG

Dimensions

- 6.0" D x 8.0"H x 10.0" W

Trim Pots Num Turns

- 11 (for use in non-C2 applications)

Mounting

- Wall mount or DIN rail

Temperature

- -10°C to +60°C (14° F to 160°F)

Humidity

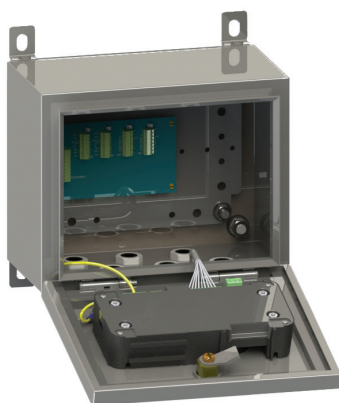
- 0-90% non-condensing

Certifications

- Hazardous Class I,II,III/Div. 2
- UL, CUL, CE

Warranty

- Two-year warranty against defects in workmanship



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Model Numbers HI 6500 PMWS Series

HI6500-WP-10-EIP-PMWS-00	PMWS / no additional summing card
HI6500-WP-10-EIP-PMWS-IT1	PMWS / IT Summing card (HI6010IT-SC1)
HI6500-WP-10-EIP-PMWS-IT2	PMWS / IT Summing card / Trim Pots* (HI6010IT-SC2)
HI6500-WP-10-EIP-PMWS-JB1	PMWS / Standard Summing Card (HI6010JB-SC1)
HI6500-WP-10-EIP-PMWS-JB2	PMWS / Standard Summing Card / Trim Pots* (HI6010JB-SC2)
HI6510-WP-10-EIP-PMWS-00	PMWS / no additional summing card
HI6510-WP-10-EIP-PMWS-IT1	PMWS / IT Summing card (HI6010IT-SC1)
HI6510-WP-10-EIP-PMWS-IT2	PMWS / IT Summing card / Trim Pots* (HI6010IT-SC2)
HI6510-WP-10-EIP-PMWS-JB1	PMWS / Standard Summing Card (HI6010JB-SC1)
HI6510-WP-10-EIP-PMWS-JB2	PMWS / Standard Summing Card / Trim Pots* (HI6010JB-SC2)

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