

## Hardy Innovation: New HI 6310 Weight Processor

San Diego, CA - May 2013

One **LARGE** screen  
Four Weight Display Channels



**Amazing HI 6310 Display Panel  
Shows up to Four Instruments at the Same Time!**

### Who Needs to Know?

- Managers of Automation Products
- Sales Managers and Account Managers
- Application & Process Specialists
- Design and Controls Engineers
- OEMs and Systems Integrators

## What?

With the largest screen in its instrument class, the HI 6310 Weight Processor can display weight readings from up to four instruments **at the same time!** One display serves as an easy-to-use scale interface for each of the connected instruments. Operators can easily read HI 6310 instrument from across the factory floor saving them valuable walking time.

The HI 6310 can serve as a stand-alone weight processor or as the front end to a weight-based control system. It also offers a variety of standard mounting options and a finite set of preconfigured communications methods :

- Analog 4-20 ma
- Ethernet TCP/IP and Ethernet UDP
- Modbus RTU

The HI 6310 comes with a USB port for saving set-up and configuration parameters. Use it to clone settings to a series of instruments or to backup your settings or factory defined defaults.

## When?

***The HI 6310 can be ordered today! First shipments May 15th!***

## Why?

***Save Time, Save Space, Save Money!***

The HI 6310 includes Hardy's service-minimizing and time-saving features:

- **C2/eCAL** - automatic calibration where load cell data is stored on a microchip within the load cell and can be retrieved with the push of a button - NO NEED FOR TEST WEIGHTS!
- **Integrated Technician (IT)**, trouble shoot a weighing system from the instrument display and eliminate the need open junction boxes, disconnect load cells, and input test signals.
- **Webserver** - connect your laptop and use the built-in webserver to monitor, configure or troubleshoot. Monitor your instruments from anywhere in the world on the Internet!

## Main Benefits:

### 1. Accurate, stable, repeatable weight processing

- \* 24 bit A/D
- \* 55 samples/second output
- \* 1:6000e
- \* Count mode for accurate part counts



## 2. See it when you need it!

- \* 140° viewing angle
- \* 4.3" effective viewing area
- \* Displays multiple channels of weight data simultaneously
- \* Print mode to print weight results

## 3. Easy to install and configure to make you look smart!

- \* Help text guides set-up and operation

## 4. Fits where you want it with multiple mounting options

- \* Mounts in panels, on walls and on DIN rails
- \* Drill just 5 holes for panel mount
- \* Ultra low-profile design with an enclosure is just 1 1/2" deep
- \* Fits IND331 hole pattern so you can swap-out with ease

### STANDARD COMMUNICATIONS



HI6300



HI6310

### FIELD BUS COMMUNICATIONS



HI4050

Samples/Second	55	55	110
Divisions	6,000	6,000	10,000
Channels	1	1	1
Display	Optional	Optional	Optional
Display Type	Mono-TFT	Mono-TFT	Mono-LCD
Multi-channel Display	N	Y	N
Display Size	2" x 3.5"	2" x 3.5"	1.375" x 2.375"
Approvals	CE,UL/CUL, Class 1,2,3 Div 2	CE,UL/CUL, Class 1,2,3 Div 2	CE,UL/CUL,NTEP, Class 1,2,3 Div 2
Analog Load Cell	Y (up to 4)	Y (up to 4)	Y (up to 8)
Digital Load Cell	N	N	N
Print Output (RS232)	N	Y	Y
Scoreboard Output (RS232)	N	Y	Y
Time & Date/Battery	N	N	Y
Waversaver	1Hz to 7.5Hz	1Hz to 7.5Hz	0.25Hz to 7.5Hz
Averages	255	255	255
Count Mode	N	Y	N
Removable Memory	N	Y	Y
Rate of Change	N	N	Optional
Serial Output (RS232)	Y	Y	Y

Removable memory	N	Y	Y
Rate of Change	N	N	Optional
Serial Output (RS232)	Y	Y	Y
Ethernet TCP/IP	Y	Y	Y
Modbus-RTU	Y	Y	Optional
Analog Output	N	Y (1 Ch)	Optional
Modbus TCP/IP	N	N	Optional
Digital I/O	N	N	Optional
Ethernet I/P	N	N	Optional
Profibus	N	N	Optional
Devicenet	N	N	Optional
ControlNet	N	N	Optional
Remote I/O	N	N	Optional

To learn more about the HI 6310, please visit our [product microsite](#) or call your local Hardy products distributor.

Best Regards,

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### About Hardy Process Solutions

Hardy Process Solutions has established itself as an industry leader in the weighing automation world by providing high accuracy and precision measurements, while seamlessly integrating process weight signals into the plant control system. In almost all industries, manufacturing operations require materials to be weighed at some point of the production process. Process instrumentation can help improve processes and achieve operational excellence in the four major areas of the supply chain:

STOCK - for accurate inventory management

MAKE - the ability to deploy batch and/or continuous processes

PACK - for accurate and repeatable filling measurement and control

SHIP - for flexible consolidation and reconsolidation of packed goods

For further information, visit the Hardy Process Solutions website at [www.hardysolutions.com](http://www.hardysolutions.com) or call Janice Kall at 858-255-6792 or email [hardyinfo@hardysolutions.com](mailto:hardyinfo@hardysolutions.com).



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