**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 process weighing applications.

- **Electronic calibration without test weights**
- **Weighing system monitoring, diagnostics and troubleshooting**
- **Vibration immunity from mechanical noise**
- **Easy to configure and setup with a Rockwell Automation® PLC**
  - Rockwell EDS_Add-on-Profile
  - HMI Faceplate/AOIs
- **PROFINET® GSD File**

The Hardy HI 6200 series are high performance single-channel Weight Processors with industrial EtherNet I/P®, PROFINET®, Modbus TCP or Analog 4-20mA communications, IIoT compatibility, remote diagnostics and a user-friendly touch screen interface. Ideal for OEMs and System Integrators building machinery where accurate, stable and fast weight data with a low-cost of ownership are critical components to successful designs.

Ultra-compact at just 2 inches wide and 3.25 inches high, the HI 6200 series saves cabinet space, allowing for high density panel design over traditional weighing instrumentation, reducing both machine cost and control cabinet footprint.

The HI 6200 series is designed to replace 4-20mA signal conditioners and analog strain gage transmitters with fieldbus connectivity, providing machine builders the advantage of communicating parameters and advanced diagnostics. The HI 6200 series enables a proactive maintenance strategy while reaping the benefits of IIoT device-level connectivity through a built-in Webserver or directly via the UDP Transport Layer.

**EASE OF USE**

The intuitive 1.8" TFT-LCD touch screen interface is thoughtfully designed so that anyone with basic scale knowledge can set-up and operate the instrument without having to read a manual or receive instruction. Despite its tiny size, the high contract color TFT display provides crisp easy to read measurements and instrument status.

**SOLID PERFORMANCE**

Powerful 32-bit ARM Core processing, state of the art hardware design, combined with Hardy’s WAVERSAVER® technology ensure accurate, stable and fast weight readings in the type of adverse conditions that plague process control. As a co-processor to a control system such as a PLC, DCS or PAC, the HI 6200 delivers 100 updates per second of processed weight data at resolutions exceeding 1:10,000 without placing additional burden or delay into control loops that depend on accurate and fast readings from analog sensors.

**HARDY PROCESS TOOLBOX**

All versions include the Hardy Productivity Toolbox – embedded Webserver for set-up, monitoring and control from any browser- anywhere, C2® weightless calibration, INTEGRATED TECHNICIAN® instrument diagnostics, and a suite of control integration tools such as Rockwell EDS, AOP, HMI Faceplates, GSDML and PROFINET GSD files.

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**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.

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**SPECIFICATIONS**

**Performance:**
- Resolution: Stable processed weight 1:10,000
- Maximum displayed resolution: 1:999,999
- Internal resolution 1:8,388,608

**Update Rate:**
- Processed weight, display & comms: 100 times p/sec
- Unprocessed weight (A/D conversion): 4800 times p/sec

**Modes:**
- Gross, Net

**Units of Measure:**
- Ounce, Pound, Ton, Gram, Kg, Metric Ton

**Weight Processing:**
- WAVERSAVER®: 0.25 Hz to 7.5 Hz
- Averaging: 1 to 255 User-selectable in single increments

**Color Touch Screen Display:**
- 500:1 contrast ratio with 1.8” effective viewing area
- 128 x 160 pixels, 65K colors
- Resistive Touch Display

**Calibration Methods:**
- C²® calibration without test weights
- Traditional calibration with test weights

**Excitation:**
- SVDC

**Number of Load Cells:**
- Up to 8 at 350 Ω

**Mounting:**
- DIN Rail

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**Communications:**
- EtherNet/IP (-EIP models)
- EtherNet UDP
- EtherNet TCP/IP (Embedded Webservice)
- Modbus TCP (-EIP models only)
- Analog 4-20mA (ANA models)
- PROFINET (PFN models)

**Communication Interface:**
- Terminal, RJ-45

**Power:**
- 12-25 VDC (ANA and EIP); 12-24 VDC (PROFINET)
- 3 watts nominal (ANA and EIP)
- 3.5 watts nominal (PROFINET)

**Temperature:**
- -10°C to +60°C (14° F to 140°F) ANA and EIP
- -10°C to +50°C (14° F to 122°F) PROFINET

**Humidity:**
- 0-90% non-condensing

**Dimensions:**
- 2.07” W x 3.37” H x 1.98” D (without connectors) (52.6 mm x 75.0 mm x 50.3 mm)

**Approvals:**
- UL, CUL Ordinary Location
- CE
- ODVA Level III
- RoHS & REACH
- Class I, Division 2 Groups A, B, C and D, Temp Code T6
- PI PROFINET

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**MODEL NUMBERS: HI 6200 SERIES**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>COMMS</th>
<th>I/O</th>
<th>ANALOG</th>
<th>Description</th>
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<tbody>
<tr>
<td>HI6200-WP-10-EIP-000</td>
<td>EIP/MD</td>
<td>n/a</td>
<td>n/a</td>
<td>Single Channel Weight Processor EtherNet/IP Comm with display</td>
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<tr>
<td>HI6200-WP-10-PFN-000</td>
<td>PROFINET</td>
<td>n/a</td>
<td>n/a</td>
<td>Single Channel Weight Processor PROFINET Comm with display</td>
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<tr>
<td>HI6200-WT-10-ANA-000</td>
<td>TCP/IP</td>
<td>n/a</td>
<td>4-20mA</td>
<td>Single Channel Weight Transmitter, Analog Out with display</td>
</tr>
</tbody>
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**A Complete Hardy Scale System**

**HI 6200**
- Webserver
- WAVERSAVER®
- Diagnostics
- Touch Screen

**C2® Load Cells**
- Weightless Calibration

**C2® Cable**
- Analog/digital homerun

**IT Junction Box**
- Integrated Technician®

All information within is subject to change without notice. Visit our website for latest specifications.

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