

HI 1734-WS POINT I/O Series Weight Processing Module

PROCESS WEIGHING Applications

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



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



Vibration immunity from mechanical noise



Easy to configure and setup with a Rockwell Automation PLC

Rockwell EDS_Add-on-Profile

The Hardy HI 1734-WS module is ideal for POINT I/O applications where fast, stable weight data and low-cost of ownership are critical components to successful machine and process design.

Designed exclusively for weight processing, the HI 1734-WS enhances productivity of manufacturing systems by digitally suppressing noise and dramatically reducing scale settling time.

Ultra-compact at just a 1/2" wide, the HI 1734-WS module saves cabinet space over the use of dedicated instrumentation, reducing both machine cost and control cabinet footprint.

Fast to install and commission by snapping modules into terminal blocks onto a POINT I/O Network Adaptor, then using EDS AOP files to set-up and configure in RSLogix or Studio5000. Rockwell's Adaptor Products allow connectivity to EtherNet/IP, DeviceNet, and ControlNet in linear, star and ring topologies.

SOLID PERFORMANCE

Even in noisy environments with excessive amounts of mechanical vibration, Hardy's WAVERSAVER allows the HI 1734-WS to deliver a steady 1:10,000 resolution in processed weight data at 55 updates per second.

SIMPLE SET-UP & CALIBRATION

Use load sensors with Hardy's exclusive C2® Calibration for automatic system calibration to save hours in commissioning and routine maintenance. By reading the calibration with certificate embedded electronically in the C2 sensor, the weigh system can be calibrated the touch of a button, avoiding a time consuming traditional calibration procedure.

MAINTENANCE & DIAGNOSTICS

For quick and easy troubleshooting, the HI 1734-WS features a removable terminal block, so modules can be removed and inserted under power (hot-swap) with no need for tools or rewiring.

Comprehensive diagnostics include 3 LEDs per module that indicate power, network, and weigh function status. With INTEGRATED TECHNICIAN®, the module maintains and troubleshoots the weighing system by diagnosing individual sensors without the need to disconnect.

PREMIER INTEGRATION

With an Add-on-Profile, Add-on-Instructions and Faceplates included, install, configure, calibrate, operate and visualize without writing a single line of code.