



## Hardy Device Library - Faceplate Help

### Commands

Tare

**Tare Command** - The **TARE** command on a weighing scale subtracts the weight of a container or packaging, resetting the display to **zero**. This allows you to measure only the contents placed inside the container.

Zero

**Zero Command** - The **Zero command** on a weighing scale resets the display to zero, but it does so differently from the TARE command. When you press the Zero button, it recalibrates the scale to ignore minor discrepancies and sets the scale's baseline to zero, regardless of any weight currently on the scale

C2 Cal

**C2 Cal Command** - The **C2 Cal command** is used in weighing systems to perform calibration without the need for physical test weights. This command is particularly useful in systems equipped with C2 load cells.

Do Low Cal

**Do Low Cal Command** - The **Do Low Cal command** is used to calibrate a weighing scale or measurement device at its lower range or zero point. This command ensures that the device accurately measures small weights or pressures by setting a precise baseline.

Do High Cal

**Do High Cal Command** - The **Do High Cal command** is used to calibrate a weighing scale at its upper range or span. This command ensures the scale accurately measures heavier weights.

Config Apply

**Config Apply** - The **Config Apply** button remains disabled until a change is made within the Configuration tab. Once any configuration element is modified (e.g. adjusting Reference weight), the button becomes active, prompting the user to apply the changes

Start Test

**Start Command** - The **Start IT Test command** is used to initiate automated tests for IT systems or applications

### Navigation



**Home Tab** - Primary faceplate tab including Channel 0 & Channel 1 status.



**Trend Tab** - Navigation buttons to analog trends for key variables (2 minutes windows)



**Configuration Tab** - Configuration parameters related to Channel calibration and Channel Waversaver, Motion Tolerance, Zero Tolerance, Tare Weight etc.



**Integrated Technician Tab** - Displays Weight and Voltage of Sensors connected to Junction Box



**Diagnostic Tab** - Device Diagnostic



**Faults Tab** - Fault/Warning History



**Faceplate Help** - Open the faceplate help document including revision information

## Status Indicators



Device Not Communicating



Device Not Ready



Warning



Faulted



Status Inactive/Disabled



Status Active/Enabled

## Revision Information

For Faceplate Revision information, click on the help ‘?’ button in the top toolbar of the faceplate. The faceplate revision information will be shown in the bottom of the pop-up screen.

## Operation Notes

The HMI faceplates provided in the Hardy Device Library are intended to help with device commissioning, configuration, troubleshooting, and diagnostics. Hardy Device modules read weight and diagnostic data from one set (HI 1756-WS and HI 5069-WS) or two separate sets (HI 1756-2WS and HI 5069-2WS) or HI6501 Module of strain gauge load sensors or load cells. They communicate this data over the I/O chassis backplane to the ControlLogix Processor. These modules convert analog weight signals from load cells into digital data, offering the option to transmit Gross or Net weight. Their high resolution ensures accurate readings even with large dead loads and oversized load cells.

## Additional Resources

For complete information, refer to the **Hardy Device Library Reference Manual** [DEVICE-RM915](https://literature.rockwellautomation.com/DEVICE-RM915) available at [literature.rockwellautomation.com](https://literature.rockwellautomation.com)