

HVM Version 1.34

October 2015

- HVM100 firmware version 1.34 and firmware boot loader version 1.05 correct the following issues. This firmware is delivered via Blaze™ and Blaze™ Demo software version 6.2.2.
 - Fixed issues that could allow the serial number and other non-volatile memory to be changed or corrupted. (TT 6415)
 - Fixed an issue that changed the Weighting settings to be set to Fc following a channel calibration or auto-range. (TT 5435)
 - Fixed the S29 command to not allow a time setting of 0 minutes unless the hours set by S28 was greater than 0.
 - Fixed the blinking effect of the LCD cursor when changing a numeric field so that it does not make the digit disappear when changed rapidly.
- User Note:
 - A new message has been added that will display momentarily when the instrument is turned on stating “CALIBRATION ERROR DETECTED!” and “Service Required” if the non-volatile memory that stores the factory calibration values has been corrupted. This indicates that the instrument should be calibrated to provide accurate results. Calibrating each axis of the transducer with a calibration shaker will provide accurate results but will not dismiss this message. A factory calibration will restore the non-volatile memory and dismiss this message. Please contact your support specialist if you experience this message.
- Manual Note:
 - In the section Vibration Mode Weighting it is important to note that the weighting setting is altered when the Operating Mode is changed. The Vibration Mode Weighting settings for X, Y and Z will be Fc after editing the Operation Mode. Please check the weighting settings after every mode change. This applies to all firmware versions.

HVM V1.33 adds the following features and fixes:

May 2011

- Fix for problem where bootloader and firmware upgrade would fail.

HVM V1.32 adds the following features and fixes

- Fix for problem where HVM100 will occasionally fail to boot and show black bars on the LCD.
- Calibration mode did not remove filter, now calibration always automatically switches to Fc filter for calibration and then switches back.
- Add “Wm” weighting – it is previously the “WB” weighting but name has changed in newest standard revisions
- HVM100 occasionally loses its serial number. HVM now keeps multiple copies which are checked during bootup and if the primary copy is bad and the backup
- Implemented Exposure Points system calculation and display
- Added 4.0 m/s² to HA action limit value