

### Features

- 7002 HART Communication Module
- 7003 Foundation Fieldbus Communication Module
- 7004 Combined HART & FF Communication Module
- EasyCal software applications for HART and FF
- For smart device calibration and verification
- Monitoring of primary values and sensor outputs
- Conditioned power and network termination
- Suitable for use with 8060 and 7051 calibrator modules
- Used with CalBench control centre modules
- Compact 60 mm wide modules

### Description

Process communication modules for CalBench systems, providing users with smart device calibration capabilities for commissioning applications. Three modules are available for either HART (7002), Foundation Fieldbus (7003) or a combined module for both protocols (7004).

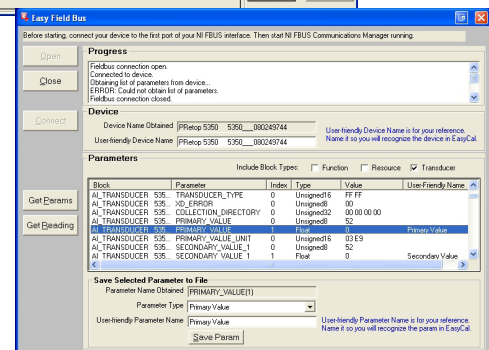
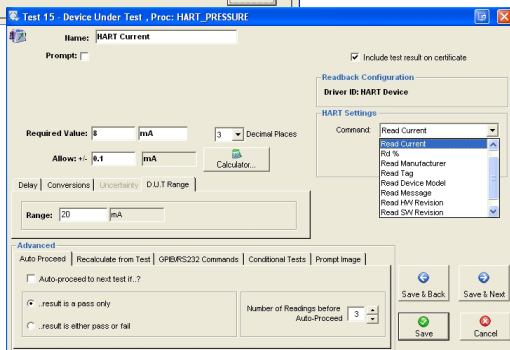
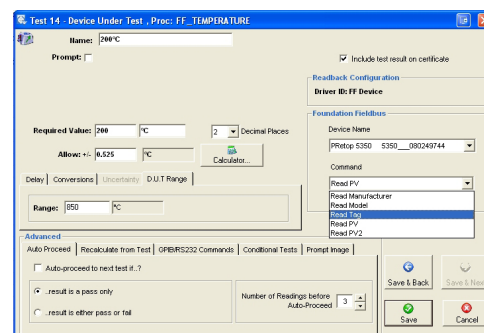
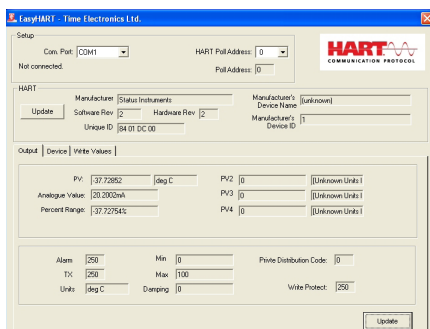
Each module is supplied with software applications that are pre-loaded and configured on a CalBench control centre module (when ordered). Commonly these communicators are add-ons to 8060 or 7051 multifunction calibrator modules that feature PC control centres as standard.

### HART Communication

HART: The 7002 is a dedicated HART communication module that includes a HART modem, load resistor and integrated 24V DC power supply. When ordered a HART application add-on is included in EasyCal software. This includes a utility program where device parameters can be viewed. Basic values can be written to the device such as tag, description, dates and poll address. EasyCal can support multiple HART devices on the loop. It supports read back of the following parameters: Manufacturer, Tag, Message, Device Model, HW Revision, SW Revision, and Unique ID. There is no function to make any 'calibration adjustment' to the device.

### Foundation Fieldbus Communication

The 7003 bench module contains the PC > FF interface, FF power conditioner and terminator for a single FF device. When ordered a FF application add-on is included in EasyCal software (on the CalBench Control Centre or separate PC). This includes a setup program which identifies the device and locates the device parameters. This information is saved ready for use with EasyCal. EasyCal supports read back of the following parameters: PV, PV2, Manufacturer, Model and Tag. There is no function to make any 'calibration adjustment' to the devices, or write any data to a device.



Due to continuous development Time Electronics reserves the right to change specifications without prior notice.