

# HITEMP140X2-TD

## HIGH TEMPERATURE DUAL PROBE DATA LOGGERS WITH AMBIENT & REMOTE TEMPERATURE PROBES

### Features

- $\pm 0.1$  °C ( $\pm 0.18$  °F) Accuracy
- Rigid Probe Measures from -200 °C to +260 °C (-328 °F to +500 °F)
- Bendable Probe Measures from -200 °C to +350 °C (-328 °F to +662 °F)
- Flexible Probe Measures from -60 °C to +260 °C (-76 °F to +500 °F)
- Submersible (IP68)
- User Replaceable Battery
- Trigger Settings
- Programmable Start and Stop Time
- Battery Life Indicator

### Benefits

- Simple Setup and Installation
- Minimal Long-Term Maintenance
- Long-Term Field Deployment

### Applications

- Autoclave Verification
- Implement HACCP Programs
- Food Preparation & Processing
- Environmental Studies
- Well Monitoring
- Washer Disinfectors
- Pasteurization



HiTemp140X2-TD-PT-1

HiTemp140X2-TD-PT-5

HiTemp140X2-TD-FP

The HiTemp140X2-TD series of dual probe data loggers offer extreme flexibility for high temperature monitoring applications. These models all feature a 2 inch rigid transitional diameter probe to measure ambient temperature, combined with a second bendable or flexible probe option.

The rigid 2 inch TD probe is made of stainless steel, offers a fast response time and is suitable for the harshest environments.

The HiTemp140X2-TD-PT-1 and the HiTemp140X2-TD-PT-5 models combine the 2 inch TD probe with a 24 inch bendable probe made of stainless steel with either a 1 inch or 5 inch probe sheath at the tip. The stainless steel PT probe options provide the ability to retain shape when bent into position and offer an extremely high measurement range of up to 350 °C.

The HiTemp140X2-TD-FP combines the 2 inch TD probe with a 6 inch, 12 inch, 36 inch or 72 inch RTD lightweight flexible FP probe, designed for easy placement. The flexible FP probe option is very pliable and coated with PFA insulation making it ideal for use inside small vials and test tubes. This probe style has a narrow diameter, high accuracy and is ideal for steam sterilization and lyophilization. The FP probe is also compatible with the MicroDisc probe attachment, used for the surface temperature monitoring of shelving and more.

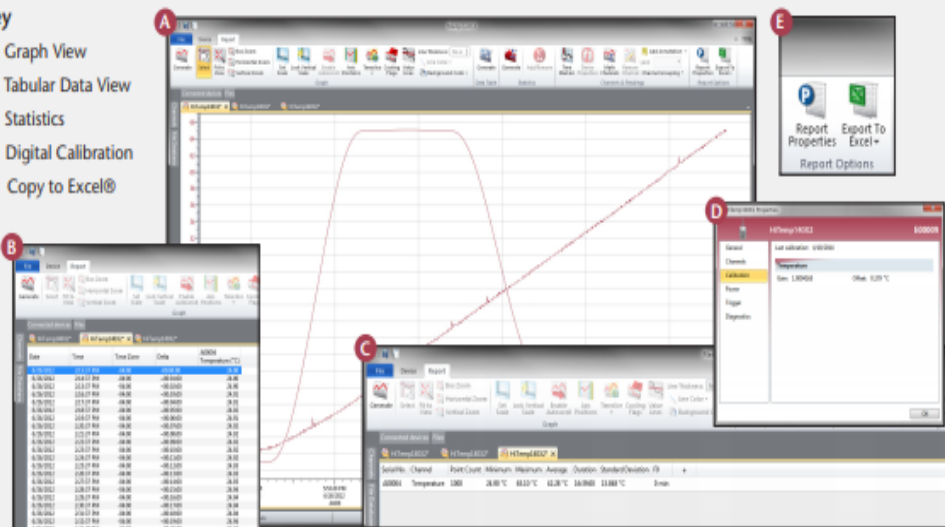
The temperature operating range for the data logger body is -40 °C to 140 °C. Because of the simultaneous ambient and remote temperature recording, the HiTemp140X2-TD series is ideal for use in autoclave mapping, food processing applications, and much more.

The HiTemp140X2-TD series is compatible with the latest version of the MadgeTech Software. This allows for simple starting, stopping and downloading of collected data. The devices are able to store up to 32,700 time and date stamped readings in non-volatile solid state memory. Once the readings have been downloaded to the software, it can be viewed in graphic, tabular, and summary form for easy analysis, as well as the potential to be exported into Excel for further calculations.

## MADGETECH DATA LOGGER SOFTWARE

### Key

- A Graph View
- B Tabular Data View
- C Statistics
- D Digital Calibration
- E Copy to Excel®



### Software Features:

- Multiple graph overlay
- Statistics
- Digital calibration
- Zoom in/ zoom out
- Lethality equations (F0, PU)
- Mean Kinetic Temperature
- Full time zone support
- Data annotation
- Min./Max./Average lines
- Data table view
- Automatic report generation
- Summary view
- Multilingual