# PRTEMP140
## HIGH TEMPERATURE & PRESSURE DATA LOGGER

### Features
- Operates from -20 °C to +140 °C
- Submersible (IP68)
- User Replaceable Battery
- Rugged Stainless Steel Body
- Programmable Start Time
- CE Compliant
- Software Battery Life Indicator
- 1/8 inch NPT Pressure Port
- Wrench Flats (NPT Model)

### Benefits
- Simple Setup and Installation
- Minimal Long-Term Maintenance
- Compatible with 1/8 inch NPT Adaptors and Fittings

### Applications
- Autoclave Validation and Mapping
- Steam Sterilization
- Canning and Cooking Pouches
- Pressurized Process Reactors
- Beverage Production, Including Wine and Soda

The PRTemp140 is a pressure and high temperature data logger all in one, created specifically for use in autoclave validation, mapping studies and pressurized processes. Featuring the familiar body style of the 140 series of data loggers and made of rugged stainless steel, this dual purpose device is less than 2.5 inches in length, allowing it to fit discretely inside small spaces.

The PRTemp140 data logger downloads temperature and pressure data simultaneously and displays the combined results in a single graph, simplifying data collection and analysis and eliminating unnecessary steps for the user.

This data logger is able to measure and record temperatures from -20 °C to 140 °C, and pressure from 0 bar to 5 bar, accommodating a wide range of applications even in the harshest conditions.

NPT Top

Flush Top

The memory capacity on the PRTemp140 stores up to 32,700 time and date stamped readings and will retain data even if the battery becomes discharged.
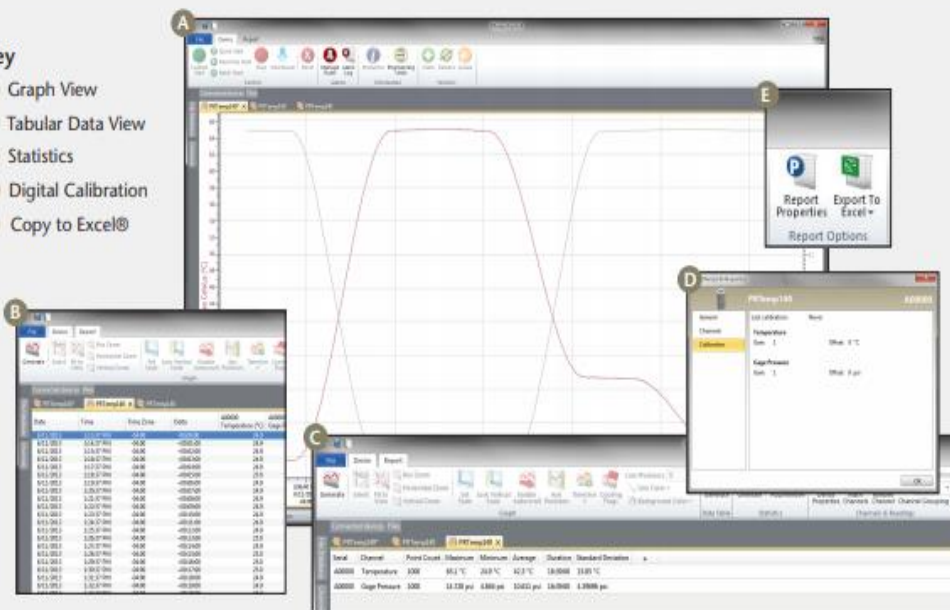
The PRTemp140 utilizes the latest MadgeTech data logger software, making the entire process from starting the device to analyzing data, efficient and easy for the user. Downloaded data can be viewed in various formats including graphic and tabular and can also be exported to Excel® for further analysis and 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

Calle 52a #28-65
Oficina 103
Bogotá - Colombia

(571) 702 62 93 / (571) 301 524 63 45
comercial@casametrologica.com

www.casametrologica.com