



# Digital Sterilization Monitor for Autoclaves

## Industry's First Digital Indicator and Electronic Recordkeeping System

Maxim's digital sterilization monitor is a precision, electronic-based solution designed to monitor and record the applied temperature profile during an autoclave sterilization cycle. The DS1922F datalogger can be placed anywhere inside an autoclave where it measures and records temperature into its internal memory. Once the sterilization cycle is complete, the DS1922F is simply removed from the sterilization chamber and docked into a reader to download the captured data to a PC. Then, companion PC software automatically displays the temperature measurements, indicates whether the sterilization cycle was successful based on required parameters of temperature and time, and securely stores the cycle data to satisfy regulatory and liability requirements.

### Benefits of Maxim's All-in-One Solution

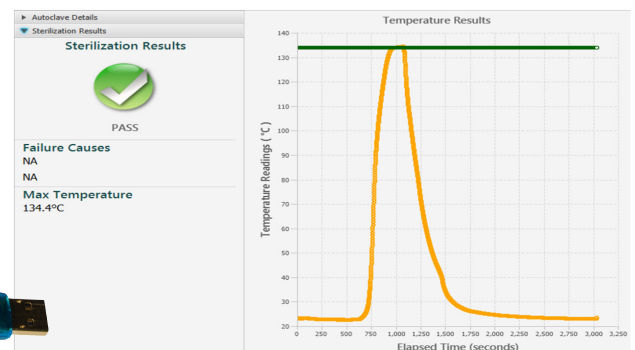
- **Verifies Autoclave Sterilization Time and Temperature**
  - Place Inside or Outside of Packs, Pouches, and Cassettes
  - Automatically Measures and Stores Temperature and Time Readings
  - If the Cycle Fails, Indicates at What Time the Failure Occurred, the Reason, and Maximum Temperature Reached by Autoclave
- **Simplifies Recordkeeping by Eliminating Paper Log Books and Printouts**
  - Uses Companion PC Software for Programmable Operation and Uploading Results
  - PC Software Securely Prevents Tampering, Modification, or Addition of Spurious Records
- **Precalibrated and Easy to Use**
  - Precalibrated to NIST Traceable References
  - Compatible with Any Steam-Sterilization Autoclave Cycle Duration with Temperature Up to +140°C
  - Typically 150 Uses of DS1922F Datalogger Before Replacement
- **Supplement to Biological Tests**
  - Use as an Instant Proxy Indicator While Waiting on Biological Test Results



DS1922F Autoclave Datalogger



DS1922F Docked in  
USB Reader Accessory



Time and Temperature Graph with Pass/Fail Result