The MP25 *SmartLog* system from The Rodwell Autoclave Company is revolutionising the way that autoclave cycle data is collected and analysed. In the past data collection would have been carried out by use of a data printer, which meant regular paper re-fills, replacement ink ribbons and reams of paper reports accumulating on the laboratory manager's desk. Now with our *SmartLog* & *SmartLog+* systems instead of large bulky chart recorders, or paper printers, every cycle is automatically stored to memory, which can then be downloaded and analysed in our *SmartLog* software.

Complete Package

The *SmartLog* system, comprises a specially adapted USB memory stick and our *SmartLog* software package. When connected to our MP25 controller, each time a cycle is carried out, all the cycle information is stored directly to the memory stick. The data files can then be downloaded to the PC for analysis at a later date. The software offers quick and easily analysis identifying any problems which may have occurred during the run. Need something tangible to show auditors? *SmartLog* can generate a comprehensive customisable report which only has to be printed as and when required for audit purposes. As well as basic time and temperature sampling as with traditional data printers, a complete cycle temperature profile is also displayed giving a graphic representation of the entire cycle. The graph offers various visual options enabling the user to view only what they wish to see. This includes custom probe views, different cycle stages, drying and pressure displays, graphical zoom for more detailed analysis as well as F0 values for food testing laboratories.

SmartLog+

As per the requirements of CFR21 Part 11 The software data cannot be tampered with so the system is fully suitable for traceability purposes. The data can also be exported to spreadsheets if required. In addition to the benefits of *SmartLog*, *SmartLog+* enables you to network your autoclave to a PC network. This means that the data on the USB stick can be accessed from multiple PCs and viewed without the need to remove the USB stick from the MP25 controller. In addition to being able to remotely see the cycle data, users can also monitor the cycle information in real time. *SmartLog+* also enables the *SmartLog* data files to be saved in duplicate in two separate locations; one on the USB stick and a back-up copy to a folder on the network which provides added security.
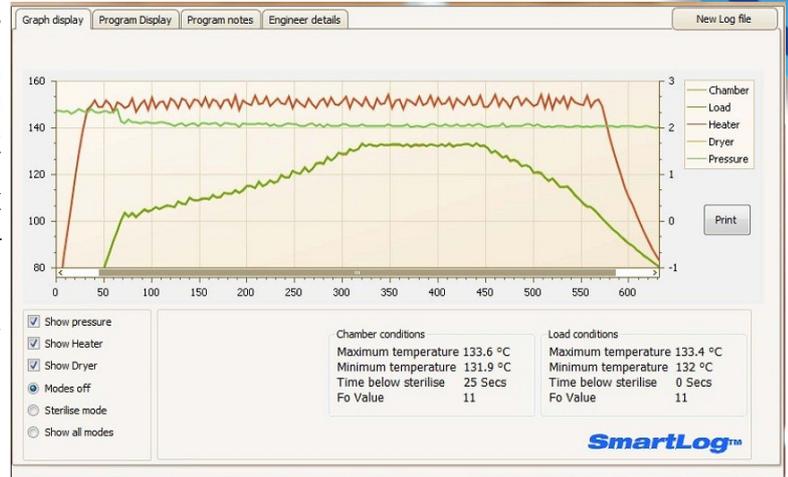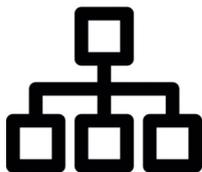
Diagnostic Support

When choosing an autoclave, the back up service is the most serious consideration. With the *SmartLog* diagnostic features, this package could rapidly become the laboratory manager's best friend. The Engineer's details tab enables a quick and comprehensive overview of the autoclaves technical functions, saving the engineer lots of troubleshooting time, and reducing overall downtime. In addition the *SmartLog* software enables users, to email cycle files directly to Rodwell technical support, where we can analyse any file on our diagnostic computer giving any user or service agent the benefit of Rodwell technical back up without even being there! This service is completely unique to Rodwell and is all part of our quality

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