

# MP25 Controller

The common control system fitted to every autoclave in the Rodwell range. The MP25 has evolved to be one of the finest laboratory instrument control systems on the market today. What sets this system apart from any other control system is that it is totally interchangeable. The same MP25 control system with any Rodwell autoclave: from a bench top to a large square chambered vacuum machine.

## Total versatility in 25 programs!

### Standard Features

#### 25 programs

Can be programmed and stored by the laboratory Supervisor

#### Smart card access system

- Allows programs to be stored and locked off by a supervisor
- Operator cards give access to pre-programmed cycles only
- Available with or without operator smartcard access for operator access

#### Load Activated Sterilise timer

(On/Off) prevents the sterilise timer from starting until the chamber and load have reached set point temperature.

#### Free steam timer (adjustable by time)

Holds the chamber at approximately 100°C (without pressurising) for a pre-determined time during the heating period and allows effective steam penetration into the load.

#### Delayed Start (24 hour clock)

Timer option allows the autoclave to be pre-programmed at a pre-determined time so the autoclave completes a cycle just before the lab arrives for work the following morning for pre prepared warm media.

#### Adjustable Stay Warm (on/off)

Keeps the chamber warm at the end of the cycle for pourable media. This is adjustable to allow the operator to select the optimum temperature.

#### Instrument Cycles (programs 21 to 24 only)

Exhausts the chamber at the end of the cycle for dryer glassware and instruments upon completion.

#### Self Diagnostic

Notifies the operator of any faults. The nature of many faults are clearly displayed on the LCD.

#### Sterilise Fault Warning

Notifies the operator if there has been a power supply problem or the temperature has not been maintained during the cycle.



### MP25 Options

#### Post Cycle Drying

Programs 17 to 20 can be set to control a post-cycle drying heater (cannot be used with in-chamber heating systems unless auto drain or separate steam generator is specified)

#### Cycle Recorders

Cycle recorders are available to record:  
Load temperature - (single channel)  
Load & Chamber temperature (2 channel)  
Load & Chamber temperatures + Pressure (3 channel)

#### Data Printers

Provides a hard copy print out of parameters and readings during the cycle (2 or 3 channel available).

#### Chart Recorders

A complete range of circular and strip type chart recorders are available to provide a graphical representation of chamber conditions during each cycle. The MP25 will switch on the chart recorder only when a cycle is operating in order to save chart paper. A complete range of anything up to 12 channels are available plus a range of independent graphical recorders (1, 2 or 3 channel available).

#### SmartLog™ Cycle Data Recording Software

The ultimate system for autoclave logging. Enables a personal computer to analyse each autoclave cycle in great detail. The software provides a multi-channel readout including a full graphic profile, and the ability to provide remote diagnostic support.

#### USB Memory Logging

For quick and efficient downloading of log data the MP25 can be equipped with a USB port for direct data transfer straight to a Rodwell USB Key. The data can then be transferred to a PC for analysis on our SmartLog™ Software.

