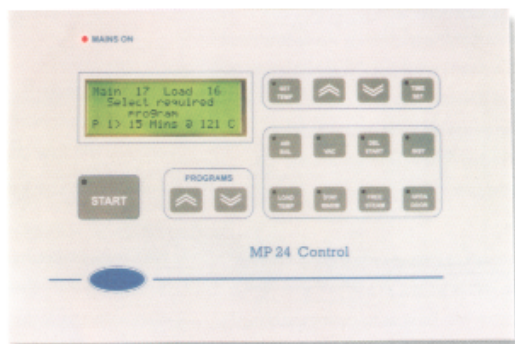


MP24 Controller



The Genesis, Monarch, Ensign, Gemini, Ambassador and Sapphire models are all supplied with the revolutionary MP24 control system as standard. The improved 'Mark 3' MP24 control offers even more user features and greater flexibility.

Standard Features

User Friendly -

Setting the cycle parameters is extremely logical by tactile buttons on the keypad. The LCD display constantly updates the operator as to the status and setpoints of the autoclave (e.g. low water, door open, set point time and temperatures, as well as the current process values). Once a cycle has been initiated it is memorised automatically by pressing 'START'. The operator can then move onto the next program number and set up other parameters accordingly.

Smart Card Control (Optional at no extra cost)-

The autoclave is issued with one 'supervisor card' which allows a supervisor to pre-set any amount of programs up to a max. 24. 'Operator Cards' can also be supplied to allow access to the autoclave's use but does not allow cycle parameters to be altered.

PT100 Temperature Sensors -

For greater stability and reliability.

Variable or Fixed Program -

Any number of programs up to a max. of 20 plus 4 instrument cycles.

Sterilise Cycle Fault Warning -

The operator is notified if, for whatever reason (including power supply fault) the load does not maintain its setpoint temperature during the sterilise cycle.

Faulty Thermocouple Warning -

The operator is notified should the load or chamber probe become damaged.

RS 232 Connection Port -

This enables communication to your laboratory information system.

Selectable Operator Options

Load Activated Sterilise Timer -

The sterilise timer will only start once the load and autoclave have reached the set point temperature.

Delayed Start -

Enables the autoclave to initiate a cycle automatically as a pre-determined time so the autoclave has completed its first cycle but is still warm when the operator begins work. This is ideal for situations where pre-sterilised media is required ready for the morning.

Timed Free Steaming -

Heats the chamber to 100°C and then holds for a pre-determined time set by the operator before heating up for the second stage to the set point temperature. This allows effective steam penetration and equal heat up times for varying loads.

Media Stay Warm -

Keeps the chamber warm at the end of the cycle. The operator can select a stay warm temperature to prevent cooking or setting of media.

Operator Security Options -

Up to three levels of security are available by the 'Smartcard Access System'. Operator, Supervisor and Engineer.