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CHALLENGER MX25 INCUBATOR



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The Challenger MX is designed to provide small-scale laboratory incubation in a convenient bench-top design. This model has the advantage of 12v operation with the optional lead from a vehicle cigar or auxiliary socket. The temperature control is of the proven MX series with no mechanical components to ensure excellent long-term reliability. The unit is very user-safe by design as it is a low-voltage device. When on mains operation, 12-15 Volts DC is provided by the power supply, thus from the plug-in power pack onward, the device is low-voltage. The power pack features UK, USA, & European plug options; voltage selection is automatic.

Prior to Use:

Note – It is easier to set the incubator up on mains supply, settings remain the same for 12v operation. Set the incubator in the area you intend to use it and plug in the mains pack, then lead to input at the socket in the rear of the incubator. Because the unit is designed for constant operation, no switch is incorporated. For ease of set-up, a 37°C point is marked on the temperature control at the ¾ position. Each quarter segment of the scale equals 10°C up/down. During set-up, refer to the internal thermometer for actual temperature.

Note both heating and power lights are on, and must be left on for 30 minutes to stabilize. During this time, the yellow HEATING light will cut in and out as the chamber reaches temperature. Check the thermometer and adjust to require temperature. When you are satisfied the incubator is stable, begin incubation. The temperature control is load compensating. If you are only incubating at one temperature, make a note of the setting for reference.

Safety:

Note – The optional 12v Cigar lead is fused. Please do not modify this, or attempt to use any other cable for 12v operation. Consult our technical department in the event of any query. The Challenger MX power supply has automatic protection, and the incubator does not contain any user-serviceable parts. In the unlikely event of a fault, both heating and power lights will be extinguished and the unit must be referred to supplier for repair.

Cleaning:

A wipe over with a damp cloth is the best method. Avoid acetone or solvent based cleaners.

Service:

The Incubator is designed for constant long-term operation, and does not contain any user-serviceable parts internally. Please refer to the manufacturer/supplier for repair if required.

Warranty:

This product is under 24-month warranty in normal use. In the event of component failure or defective workmanship, the unit will be repaired or replaced at the company's discretion on an ex-works basis. This comprehensive warranty, which does not affect any statutory rights, applies to the original purchaser only. The date of invoice is deemed to be date of supply. This warranty specifically excludes damage to any part of the Challenger caused by misuse, or any fault caused by incorrect treatment.



End of Life – This product can be Re-manufactured if returned to the supplier/manufacturer – do not dispose of in domestic waste.

Designed & Manufactured in the United Kingdom