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Digital Temperature Controller

The Electrotherm Digital Temperature Controller is designed to provide high accuracy thermal control of products heated in a variety of containers, tanks and vessels including popular size Intermediate Bulk Containers (IBCs) and Drums.

Control is achieved by inserting a food grade stainless steel thermocouple probe into the product to be heated, or, attaching a thermocouple to the outside of the container. Accuracy of approximately $\pm 0.5^{\circ}\text{C}$ is maintained by a sophisticated electronic PID/Fuzzy Logic control action switching power to the Heater. The result is a steady application of power that achieves and maintains a target temperature regardless of external thermal influences. The Controller is housed in an aluminium enclosure and is fitted with a magnetic-hydraulic circuit breaker power switch, IEC inlet and outlet power sockets for connection by local cord set appropriate to country of use and a universal thermocouple socket. Type K thermocouple is standard and Type T & J compatibility is available.



SPECIFICATION

240V 50/60Hz 10A
Adjustable Temperature Range: -50°C to 1300°C
120V 50/60Hz 15A model available

Manufactured and supplied by:
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