

Mercury-Free Independent Over Temperature Alarm



The new mercury-free independent over temperature alarm is a 'normally active' device that deactivates when an over temperature condition occurs

- Removes mercury thermostats, making the incubation system a safer, more environmentally and employee friendly system
- Control system requires a signal from the over temperature sensor in order to silence the audible alarm and/or turn off any visual alarm
- If the device fails or a break occurs in the wiring circuit an alarm situation is immediately created, even if the machine is set in out of service mode
- An alarm condition signals either the presence of temperature in excess of the pre-set 101°F (38.3°C) or a system malfunction. Either of which must be reacted to immediately!
- Eliminates the need to transport replacement mercury thermostats



The complex electronic system is housed in a water resistant box on top of the setter/hatcher. The electronic probe is fed through the roof of the incubator, usually in the same position as the present mercury thermostat. The system, like all critical alarm systems, should be checked on a periodic basis using a standard calibration system (also available from Chick Master). However, due to the positive feedback of the system, a system malfunction is far less likely to go undetected than in a mercury based system.

Kits consist of alarm board(s), enough probes to place one in each zone being monitored and the wire to connect the probes to the boards. Power to the boards is supplied from the setter/hatcher main control box.



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