Digital Incubator Thermometer

Instructions for Use

General:

The instrument is specifically designed for use in incubators to give a continuous readout at an exceptional level of accuracy - in the order of 20 times the accuracy of general purpose digital thermometers widely available.
The instrument operates over a narrow temperature band, 32 to 42°C. Below and above this range it will not indicate. It may be damaged by high temperatures. Do not immerse in boiling water.
The probe is hermetically sealed and will not be damaged by cool water. However, it should not be exposed to corrosive chemicals or solvents and should only be cleaned with soapy water or alcohol.
A range switch is provided to allow reading in either Celsius or Fahrenheit.
Battery life in continuous use is usually about 6 weeks. An off switch is provided to save battery life when not required.

Forced Draft Incubators
When used in forced draft incubators, the incubator thermometer will give a very accurate indication of temperature which is generally consistent throughout the incubator. If the probe is inserted through a ventilation hole, be sure that it is an air exit hole not an air inlet, or the temperature will be influenced by the cooler incoming air.

Still Air Incubators
Still air incubators (those without circulating fans) usually have a significant temperature gradient from top to bottem. The recommended operating temperature will depend on the height at which the thermometer senses the temperature. Since this is usually at the top of the egg, the recommended temperature is generally 1.5 to 2.0°C higher than for forced draft incubators.
Ensure that the probe of the incubator thermometer is at the recommended height but not directly in contact with an egg. Ensure also that it is not close to the incubator wall where the temperature may be lower.

Battery Replacement:
Use a coin to release the battery cover. Replacement battery should be LR-44, S-76, A76, G13 or equivalent 1.55v button cell. Avoid handling the battery surfaces because contamination may increase contact resistance.