

## Thermo Scientific Peltier Low Temperature Incubators

Ideal for *Drosophila* research or applications requiring temperature above and/or below ambient



Warranty: 2 years parts, 1 year labor

- Innovative thermoelectric cooling technology eliminates the need for a refrigerated compressor. Units consume less power than conventional models while also reducing laboratory ambient temperatures and air conditioning loads
- Thermo Scientific Peltier cooled incubators operate within the temperature range preferred by fruit flies
- Programmable Watlow® controller allows for 40-step ramp and soak profiles, or four files with 10 steps per file
- Capable of programming day/night cycles in models with LED lights
- The lack of compressor coils eliminates the concerns of corrosion from insect waste
- Excellent temperature uniformity allows for effective space utilization
- Peltier technology excludes the need for compressor coils so corrosion from fly secretions is no longer a concern
- Meets American Public Health Association (APHA) specifications for biochemical oxygen demand (BOD)
- Easy to clean and corrosion resistant painted stainless steel interiors.
- All models include an RS 485 output as well as an independent over-temperature thermostat and over-temperature alarm
- Heavy-duty shelves have a 75 lb. capacity
- TUV certification
- Access port standard



Cat. No.	3915FL	3990FL	3915LT	3990LT
<b>Description</b>	Drosophila incubator with LED lights	Drosophila incubator with LED lights	Low temperature incubator	Low temperature incubator
<b>Capacity</b>	6.5 Cu.Ft. (185L)	19.5 Cu.Ft. (552L)	6.5 Cu.Ft. (185L)	19.5 Cu.Ft. (552L)
<b>Interior Dimensions W x D x H in. (cm)</b>	25.6 x 24.1 x 18.5 (64.7 x 60.9 x 46.9)	25.6 x 24.1 x 54.8 (64.7 x 60.9 x 138.4)	25.6 x 24.1 x 18.5 (64.7 x 60.9 x 46.9)	25.6 x 24.1 x 54.8 (64.7 x 60.9 x 138.4)
<b>Exterior Dimensions W x D x H in. (cm)</b>	31.8 x 32.3 x 33.5 (76.2 x 80.1 x 85.1)	31.8 x 32.3 x 69.6 (76.2 x 80.1 x 176.6)	31.8 x 32.3 x 33.5 (76.2 x 80.1 x 85.1)	31.8 x 32.3 x 69.6 (76.2 x 80.1 x 176.6)
<b>Temperature Range</b>	15°C to 40°C			
<b>Temperature Uniformity (unit@15°)</b>	+/-0.55°C (at 15-28°C ambient, 50%RH)			
<b>Temperature Uniformity (unit@22°)</b>	+/-0.64°C (at 15-35°C ambient, 50%RH)			
<b>Temperature Uniformity (unit@40°)</b>	+/-1.0°C (at 18-40°C ambient, 50%RH)			
<b>Electrical Specifications</b>	100-120V, 50/60Hz, 360W (3.0A)			
<b>Temperature Control</b>	0.1°C Display increments			
<b>RS 485 interface</b>	Yes			
<b>Shelving</b>	2 Supplied	5 Supplied, Adjustable, Bottom shelf slide; max. 16	2 Supplied	5 Supplied, Adjustable, Bottom shelf slide, max. 16
<b>Shelf Capacity</b>	75 lbs/34 kg shelf. 150 lbs/68 kg total	75 lbs/34 kg shelf. 375 lbs/170 kg total	75 lbs/34 kg shelf. 150 lbs/68 kg total	75 lbs/34 kg shelf. 375 lbs/170 kg total
<b>Weight (lbs/kg)</b>	259/118	380/172	259/118	380/172
<b>US style plug</b>	Yes			

### Thermo Scientific Accessories\* for Peltier Low Temperature Incubators

Cat. No.	Description
<b>3900BR</b>	Sliding shelf brackets for drosophila and low temperature incubators
<b>3900FSH</b>	Fixed shelf for drosophila and low temperature incubators
<b>3900SSH</b>	Sliding shelf for drosophila and low temperature incubators

\* Stacking kit (Cat. No. 3915SK) is available for 6.5 Cu.Ft. models