



LABORATORY INCUBATORS

 **Thermoline**
S C I E N T I F I C

LABORATORY INCUBATORS

(AMBIENT +5°C TO +60°C)

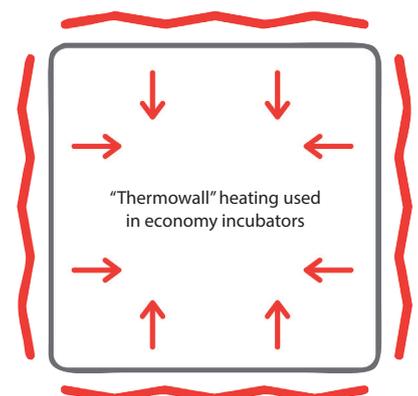


Image: TI-80F



DIGITAL LABORATORY INCUBATORS

- Unique fan forced or gravity convection operation
- Stainless steel internal liner (easy to clean and non corrosive)
- Removable open wire chrome plated shelves
- Magnetic door gasket means positive door closure
- Digital microprocessor control complete with digital display
- Unique "Thermowall" heating system with electronic switching
- Control accuracy at $\pm 0.25^{\circ}\text{C}$





PRODUCT DETAILS

Thermoline have nine laboratory incubators available, all designed and manufactured in Australia. These models are economical and very easy to use making them an ideal choice for all test samples requiring incubation. Users have the ability to change between fan forced or gravity convection operation via a simple switch located on the front of the incubator.

Optional Accessories



(TI-IPD) Internal polycarbonate door on small capacity models

Safety Features



Auto overtemperature safety (Failsafe)

Over current protection

Control error codes



Image: TI-20F

SPECIFICATIONS

Model	TI-20F	TI-50F	TI-80F	TI-120F	TI-210F	TI-280F
Internal Dims. (WxDxH mm)	300x300x235	300x300x485	300x300x675	395x405x735	500x505x735	500x505x985
External Dims. (WxDxH mm)	370x380x470	370x380x720	370x380x910	465x485x985	570x595x985	570x595x1235
Temp. Range	Ambient +5°C to 60°C					
Capacity (litres)	20	50	80	120	210	280
Shelves	2	3	4	4	4	5
Inner View Door	Inner polycarbonate door optional (Note: TI-IPD)				Inner polycarbonate door fitted standard	
Electrical (W / V)	100 / 240	130 / 240	175 / 240	310 / 240	415 / 240	515 / 240
Weight (kg)	10	15	35	45	60	75

THE INDUSTRY STANDARD



Since 1970, Thermoline's incubators have been the proven industry standard. Our incubators appear in thousands of labs across the country and have been trusted for all general or critical research applications.

- Australian made by expert engineers
- High control accuracy
- Proven reliability
- Unique fan forced or gravity convection operation
- Digital microprocessor control
- Stainless steel interior which is corrosive resistant and long lasting
- Unique "Thermowall" heating system



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(AMBIENT +5°C TO +60°C)



LARGE CAPACITY



Image: TI-360F-SD

LARGE CAPACITY LABORATORY INCUBATORS

- Stainless steel internal liner which is easy to clean and corrosive resistant
- Adjustable open wire shelves
- Digital temperature display with high temperature alarms
- 13mm cable/monitoring port hole with rubber plug
- Solid or Glass doors available
- Internal LED lights (GD Only)
- Heat and energy efficient construction
- Castors fitted for ease of mobility

PRODUCT DETAILS

Thermoline has three large capacity incubator models which are available up to 1100 litres in capacity to accommodate the requirements of small laboratories to large research facilities where samples can be maintained safely in a warm and clean environment.

Temperature is precisely controlled electronically between ambient +5°C to +60°C. For added safety, the digital temperature control incorporates an automatic over temperature alarm which in the case of an over temperature malfunction the alarm will be activated and shut down power to the heating elements as well as emit a visual signal to warn the operator of an alarm condition. Connection to a building management system (BMS) is available as an optional extra.

All models come complete with a 13mm Ø cable/monitoring port hole with removable rubber plug to allow easy access for a remote temperature measurement device if required.

Glass or solid doors available for all models.

SPECIFICATIONS

Optional Accessories

- Extra shelving
- Additional temperature probe for monitoring systems
- Additional cable port holes
- Data loggers for monitoring internal conditions

Safety Features

- Auto overtemperature safety (Failsafe)
- Over current protection
- Control error codes

Model	Int. Dimensions (WxDxH mm)	Ext. Dimensions (WxDxH mm)	Capacity (Litres)	Door Type	Shelves	Electrical (W)
TI-360F-SD/GD	590x550x990	740x730x1560	360	SD = Solid GD = Glass	3	450
TI-520F-SD/GD	590x550x1460	740x730x2010	520		4	450
TI-1100F-SD/GD	1320x550x1460	1470x730x2010	1100		8	900

Head Office Phone (02) 9604 3911

Head Office Fax (02) 9725 1706

Email hello@thermoline.com.au

Web www.thermoline.com.au



Thermoline Scientific have been manufacturing and distributing high quality laboratory and scientific testing equipment since 1970. Over this time, Thermoline has grown to be a leading brand in the science industry, with our equipment being used in small and large Hospitals, Universities and Research Laboratories across Australia and the Asia Pacific region.

We're proud to say that we are 100% Australian owned and operated.