



# LABORATORY INCUBATORS

 **Thermoline**  
S C I E N T I F I C  
HIGHER STANDARDS IN SCIENCE

# ECONOMY INCUBATORS

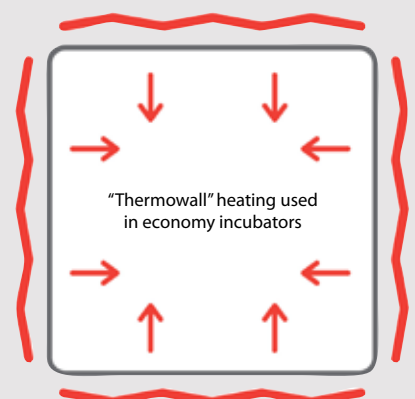
(AMBIENT +5°C TO +60°C)

(Image: TEI-13G and TEI-70G)



## Digital Economy Incubators

- Stainless steel internal liner (easy to clean and non corrosive)
- Removable open wire chrome plated shelves
- Magnetic door gasket means positive door closure
- Light weight and portable
- 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 four economy incubators available, all designed and manufactured in house. These models are economical and very easy to use making them an ideal choice for all non critical samples requiring incubation. A wide range of fan forced models are also available, should tighter control conditions and larger volumes be required.

### Optional Accessories

IGD- Internal glass door installed (prevents loss of internal conditions when access door is opened)

### Safety Features

Auto overtemperature safety (Failsafe)

Over current protection

Control error codes

# SPECIFICATIONS

Model	TEI-13G	TEI-43G	TEI-70G	TEI-100G
Internal Dimensions (WxDxH mm)	250x240x220	290x290x500	290x400x600	390x400x650
External Dimensions (WxDxH mm)	300x300x370	340x350x650	340x460x750	460x470x830
Temperature Range	Ambient +5°C to 60°C			
Capacity (litres)	13	43	70	100
Shelves	2	4	5	6
Electrical (W)	45	90	130	180
Weight (kg)	8	16	24	32
Optional Inner Glass Door	Code = IGD			

# PREMIUM INCUBATORS

(AMBIENT +5°C TO +60°C)

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(Image: TI-150G and TI-350F)



## Premium 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
- Gravity convection (TI-150G and TI-250G)
- Internal forced air flow (TI-150F, TI-250F, TI-350F, TI-520F and TI-1100F)
- 13mm cable/monitoring port hole with rubber plug
- Triple Glazed Glass Doors and Internal LED lights (TI-520F and TI-1100F)
- Insulated external door with internal glass viewing door (TI-150, TI-250, TI-350)
- Castors fitted for ease of mobility (TI-520F and TI-1100F)

**AUSTRALIAN**

**MADE**

Seven premium models of incubators 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.

Cabinet construction is grey metal exterior with interior finish of 304 grade stainless steel. All cabinets are insulated with high quality insulation to minimise heat loss and maximise energy efficiency.

There are two gravity convection models available TI-150G & TI-250G. For superior temperature uniformity all other models have internal fan forced air circulation.

Models TI-150, TI-250 and TI-350 have insulated external doors with magnetic door gaskets complemented by an internal glass viewing door which allows operators to view samples without disturbing the set temperature. Whilst viewing samples is made easy on the two largest models TI-520F & TI-1100F as they come complete with double glazed glass self-closing doors, with key locks on doors for security.

Glass door models TI-520F & TI-1100F are fitted with energy efficient LED lights to assist with viewing storage levels and they also come complete with heavy duty castors to allow these large capacity cabinets to be easily moved when the area around cabinet requires cleaning.

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.

#### Optional Accessories

Extra shelves

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

## SPECIFICATIONS

Model	Int. Dimensions (WxDxH mm)	Ext. Dimensions (WxDxH mm)	Capacity (Litres)	Door Type	Shelves	Electrical (W)
TI-150G	500x520x570	570x600x810	150	Solid	3	290
TI-150F	500x520x570	570x600x810	150		3	310
TI-250G	500x520x970	570x600x1200	250		4	400
TI-250F	500x520x970	570x600x1200	250		4	420
TI-350F	500x600x1170	600x710x1480	350		5	470
TI-520F	590x550x1460	740x730x2010	520	Glass	4	450
TI-1100F	1320x550x1460	1470x730x2010	1100		8	900

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E&OE, specifications and design are subject to change without notice. Please contact Thermoline Scientific for the latest specifications.