

Large Dehydrator (Ambient +10°C to 150°C)

AUSTRALIAN MADE

Model TD-78T-2-D
Shown with optional trays**FEATURES**

Thermoline Scientific has a range of large style Dehydrating ovens have been designed with the assistance and in consultation with the Department of Primary Industries for the removal of large amounts of moisture in Soils, however our TD-Series of dehydrating ovens will perform equally when loaded with other materials or samples.

Standard Features:

- Three models ranging in size from 1020 litres to 2180 litres
- Stainless steel internal liner fully TIG welded and sealed
- External mounted high capacity high volume fan motors with stainless steel blower wheels
- Electronic digital control for uniform and stable temperatures
- Adjustable air vents for both inlet and exhaust
- Fully insulated with fibreglass wool
- Controllable temperature range ambient +5°C to +150°C
- Control accuracy at set point $\pm 0.25^\circ\text{C}$
- Solid construction designed to facilitate large volume samples
- Industrial hinges and door catch mechanics
- Analogue duration timer

Safety Features:

- ✓ Auto over temperature safety (Failsafe)
- ✓ Over temperature thermostat cut-out protects samples and oven
- ✓ Over current detection turns oven off if necessary

Optional Accessories:

Stainless steel perforated shelving trays
Stainless steel solid shelving trays
Open wire chrome plated shelves
Ramp to set point
Stainless steel external construction
Alarms

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Order Code	TD-36T-1-D	TD-48T-1-D	TD-78T-2-D
Type	Upright / Floormount	Upright / Floormount	Upright / Floormount
Useable Volume	1020 Litres	1300 Litres	2180 Litres
Doors	1 Solid Side Opening	1 Solid Side Opening	2 Solid Side Opening
Shelf / Tray Positions	12 at 10 cm centres	16 at 10 cm centres	13 at 10 cm centres (13 Per Door)
Shelves N° (optional extra) TD-SS-WS	12 Stainless Steel (open wire type) 75.5W x 90D	16 Stainless Steel (open wire type) 75.5W x 90D	26 Stainless Steel (open wire type) 75.5W x 90D
Trays N° (optional extra) TD-SS-ST	36 Stainless Steel (solid base) 75.5W x 30D x 5H	48 Stainless Steel (solid base) 75.5W x 30D x 5H	78 Stainless Steel (solid base) 75.5W x 30D x 5H
Trays N° (optional extra) TD-SS-PT	36 Stainless Steel (perforated base) 75.5W x 30D x 5H	48 Stainless Steel (perforated base) 75.5W x 30D x 5H	78 Stainless Steel (perforated base) 75.5W x 30D x 5H
N° of Fans	2 Centrifugal type	2 Centrifugal type	3 Centrifugal type
Motor type	External TEFC	External TEFC	External TEFC
Temperature Range	Ambient plus 10°C to +150°C		
Temperature Control	Dual Display PID Solid State		
Ventilation	Adjustable through flow of ambient air.		
Internal Height (cm)	150	195	162
Internal Width (cm)	76	76	165
Internal Depth (cm)	90	90	100
External Height (cm)	215 plus 20 for fan motors	260 plus 20 for fan motors	204 plus 20 for fan motors
External Width (cm)	115	115	191
External Depth (cm)	105	105	119
Internal Finish	304 Grade Stainless Steel		
External Finish	Colour coated steel		
Electrical Elements	3x2.5 kw	3x3 kw	3x3 kw
Electrical	15A 3phase 415V	15A 3phase 415V	15A 3phase 415V
Run Timer	Omron duration timer fitted as standard		
Packed Size (HxWxD)	250x125x120 cm	295x125x120 cm	255x190x134 cm
Packed Weight	320 kg with trays	350 kg with trays	420 kg with trays