

## WIRE EMBEDDED ELEMENT FURNACES

Models WE122A, WE182A, WE342A & WE502A



**Temperature** Max. 1250°C Max. Continuous 1200°C  
**Lining** JM23 insulating bricks grooved to support heating elements  
**Elements** Wire - Kanthal A1  
**Thermocouple** Type 'K' or type 'N'  
**Power Control** Solid State Relay(s) via temperature controller and incorporating a power isolating, door interlock switch.  
**Construction** Twin skin construction with extruded aluminium frame, clad in steel panels, all powder coated for easy cleaning, over a steel-cased heating module.  
**Insulation** Insulating brick with ceramic fibre board back-up insulation.

**Door** Standard - Stainless steel, counter-balanced top-opening door.  
 Optional - Stainless steel, centre-pivot, side-opening door.  
**Temperature Controller** Temptron model AYT Digital PID or AYP Digital Programmable controller with sixteen-step program function.  
**Venting** Standard - non-assisted with exhaust tube through top.  
 Optional - Rear chimney or adjustable preheated airflow for ashing or cupellation work.  
**Overtemperature Protection**  
 Standard - Nil.  
 Optional - Monitory control using a limit controller and discrete thermocouple.

Model	Chamber H x W x D	Power	External H x W x D	Weight	Ship Wt.
WE122A	200 x 200 x 300 mm	3.0Kw	700 x 650 x 600 mm	72Kgs	108Kgs
WE182A	200 x 230 x 400 mm	3.6Kw	760 x 650 x 740 mm	90Kgs	140Kgs
WE342A	250 x 300 x 450 mm	7.2Kw	760 x 650 x 740 mm	90Kgs	140Kgs
WE502A	300 x 320 x 530mm	8.6Kw	835 x 710 x 850 mm	110Kgs	160Kgs