

## WIRE WOUND MUFFLE FURNACES

**Models WW31A, WW51A, WW71A & WW161A**



**Temperature** Max. 1199°C Max. Continuous 1050°C  
**Lining** High alumina, cast one-piece muffle  
**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** Ceramic fibre and ceramic fibre board insulation around the wire wound muffle.

**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 - Monitor 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.
WW31A	90 x 165 x 245 mm	2.4Kw	530 x 495 x 450 mm	35Kgs	51Kgs
WW51A	160 x 160 x 180 mm	2.4Kw	615 x 495 x 450 mm	38Kgs	63Kgs
WW71A	140 x 170 x 290 mm	3.6Kw	610 x 495 x 500 mm	43Kgs	66Kgs
WW161A	160 x 235 x 430mm	4.8Kw	685 x 615 x 730 mm	75Kgs	118Kgs