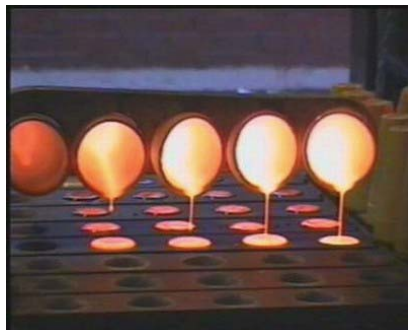


Fire Assay

Chemicals for Gold Fire Assay



Rowe Code	Description	Std. Pack Size
CB2350	Borax, Anhydrous (Dehybor)	25kg
CF1350	Flour (Plain)	25kg
YF1000	Flux Type 104 (in 15kg bags)	1000kg
YF1010	Flux Type 104 (in 4 x 250kg drums)	1000kg
CG2010	Gold Wire (99.99%) 1.0mm diameter	g
CG1200	Gold 1000 ppm Standard Solution	500mL
CL1573	Lead Foil 0.16mm thick, 65mm wide	500g
CL1576	Lead Foil 0.16mm thick, 80mm wide	500g
CL1577	Lead Foil 0.16mm thick, 80mm wide	5kg
CL1560	Lead Foil 0.18mm thick, 100mm wide	500g
CL1565	Lead Foil 0.18mm thick, 100mm wide	5kg
CL2110	Litharge for fire assay, in drum	25kg
CP4451	Potassium Nitrate	25kg
CS7700	Silicon Flour (200 mesh)	25kg
CS8255	Silver Nitrate AR	25g
CS8250	Silver Nitrate AR	100g
CS8350	Silver Nitrate AR	250g
CS8400	Silver Nitrate AR	500g
CS7940	Silver Wire 0.35mm Diameter, Gold Free	g
CS7959	Silver Wire 1.0mm Diameter, Gold Free	g
CS7000	Sodium Carbonate (Dense Soda Ash)	25kg

Consumables

Rowe Code	Description	Size	Std. Pack Size
YC1005	Crucible DFC Multitrip	50g	1440
YC1460	Cupel, Mabor	6A	300
YC1465	Cupel, Mabor	7A	300
YC1010	Cocktail Shaker Fibreglass		ea
YC1250	Cupel Tray 350x180x8mm		ea
YC1251	Cupel Tray 350x210x5mm		ea
YC1300	Cupel Tray 350x210x6mm		ea
YC1320	Cupel Tray 360x180x6mm		ea
YC1350	Cupel Tray 370x180x8mm		ea
YT1200	Cupel Tray Stand 240x230x105mm		ea
AC1035	Crucible (pots) 65g T105mmD X 165mmH clay		



Tongs



Rowe Code	Description	Length mm	Std. Pack Size
YT1050	Tongs for Lead Button	950	ea
YT1165	Tongs for crucibles	900	ea

Contact us ...



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Fire Assay

Muffle Furnace - 1150C

SEM

SEM Muffle Furnaces are available in two sizes, 100 series and 200 series. Both sizes can be supplied with either a sliding or cantilever type door. The quick action sliding door can be held in any position and is ideal for ashing or similar operations. A cantilever door has an outward and upward swing with a counter-balanced handle.

The furnaces are strongly constructed of zinc coated steel powder coated Wedgewood blue with HI Temp black front face and door. The muffle is strongly supported by a refractory mould at the front and insulating bricks at the back. It is insulated with top grade Kaowool ceramic fibre blanket.

The steel cover around the baffle is surrounded by an air cavity and by gravity convection draws heat away from the bottom and out through the top reducing the wall temperature of the outer body. An air gap at the front and louvres on the back panel allow adequate air flow to ensure a cool instrument panel. All cantilever door furnaces are fitted with a door switch for safety.

Kanthal A1 Element is controlled by a microprocessor based PID Controller complete with Auto Tune function and sensor compensation for accurate temperature control.

Options:

- 7 day or 24 hour Timer
- Programmable Controller (up to 81 steps)
- Ramp Function
- Overtemp Cutout (complete with Alarm Indicator)
- Monitory Overheat Cutout (separate Controller & Thermo Couple)



Rowe Code	Model	Power Rating	Dimensions						
			Internal mm			External mm			Weight kg
		W	D	W	H	D	W	H	
IF1570	102C	2200	250	160	90	456	468	560	50
IF1580	102S	2200	250	160	90	456	468	560	50
IF1560	202C	4500	435	230	150	608	546	630	70

C = Cantilever S = Sliding Door

Furnace Accessories

Rowe Code	Description	Std. Pack Size
YC1055	Mould, 5 place	ea
YF1305	Furnace Tile 600x600x25mm	ea
IF1561	Muffle Chamber to suit EMF-C	ea
YF1310	Furnace Tile 460x250x15mm	ea
YS1000	Scorifier, Clay 76mm Diameter	ea
YS1050	Scorifier, Clay 76mm Diameter	ea

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Fire Assay - Furnace

Cupellation Furnace Model EMF-C

- uses a No. 4 Muffle
- takes 50 x Cupels at a time
- easy to maintain and operate

Rowe Code: IF1565



Fusion Furnace Model 50PF

- takes 50 x 50 & 65gm, or 84 x 30, 40, & 55gm crucibles at one time
- easy to maintain and operate
- compatible with "Multi-pour" loading/unloading system

Rowe Code TBA



Trays, racks and multi-pour systems available on request.

All spare parts for furnaces are available upon request.

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