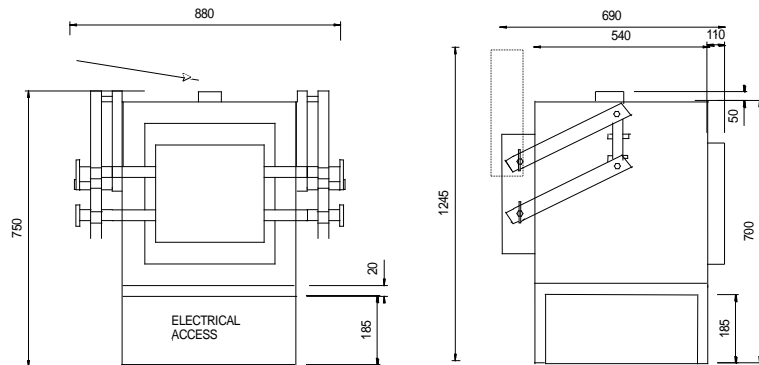


Data Sheet

# Electric Roasting Furnace Model ERF



## Key Benefits

- Roasting of sulphide ore samples.
- Easy to maintain and operate.
- General purpose Laboratory work.
- Built to Industry Standards

## Technical Specifications

### Construction

- Cabinet is 1.2 mm Zinc anneal sheet, lined with insulating fire bricks, backed with Superwool insulation board. The furnace is finished in Hammerfin blue enamel.

### Heating Elements

- Spiral elements of Kanthal "A1" wire carried in grooves machined into the walls of the furnace.
- Element rating: 7.5 K.W. 3 phase.

### Temperature Control

- Electronic, Automatic control 800°C, type "K" Thermocouple.
- Switching: Solid State Relays, on PID control

### Racks and Trays

- A rack fabricated from 304 stainless steel to accommodate 6 trays at 60mm centres.
- Trays fabricated from 2mm 304 stainless steel sheet 190 x 355 x 15mm deep.

### Internal Dimensions

- 250 mm high x 490 mm wide x 420 mm deep.

### Electrical Requirements

- 15 Amp, 3 Phase plus neutral supply.
- Electrical load: 7.5 K.W.
- (NOTE: Voltage is customised to destination country of the furnace)

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