

## Muffle Furnace 1200°C / 2192°F

### ABOUT VECSTAR

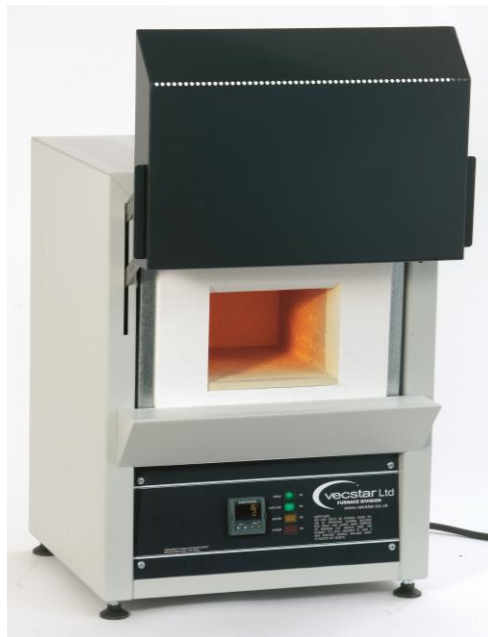
We build furnaces, ovens and hot plates for industry, laboratories and educational institutions. During the 30+ years Vecstar have been established, a comprehensive range of advanced electric heating equipment has been developed.

### CONTACT US

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### ADDRESS

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Our wire wound ceramic muffle furnaces provide excellent uniformity and a smooth hard wearing work surface. Vecstar Muffle Furnaces incorporate numerous safety features such as a vertically opening door to keep the hot insulation plug away from the operator, automatic shut-off switch that kills the power to the elements when the door is opened and a double steel skin ensuring the outer surface is as cool as possible. Only ultra 'high grade' insulation materials are used to ensure our furnaces are as energy efficient as possible.

Also available is a wide range of equipment and extras such as digital controllers, crucibles, tongs and furnace tables

| Model                               | EF                                      |     |     | LF                    |     |     | PF             |      |      |      |     |
|-------------------------------------|---|-----|-----|-----------------------|-----|-----|----------------|------|------|------|-----|
|                                     | 1                                       | 2   | 3   | 1                     | 2   | 3   | 1              | 2    | 3    | 4    |     |
| Chamber Size (mm)                   | H                                       | 100 | 120 | 120                   | 100 | 120 | 120            | 140  | 205  | 205  | 305 |
|                                     | W                                       | 125 | 180 | 180                   | 125 | 180 | 180            | 190  | 230  | 305  | 305 |
|                                     | D                                       | 150 | 180 | 355                   | 150 | 180 | 355            | 560  | 460  | 460  | 460 |
| External Size (mm)                  | H                                       | 555 | 575 | 575                   | 555 | 575 | 575            | 595  | 675  | 675  | 785 |
|                                     | W                                       | 400 | 455 | 455                   | 400 | 455 | 455            | 490  | 530  | 605  | 605 |
|                                     | D                                       | 420 | 450 | 625                   | 420 | 450 | 625            | 830  | 725  | 725  | 725 |
| Volume (litres)                     | 1.9                                     | 3.9 | 7.7 | 1.9                   | 3.7 | 7.7 | 14.9           | 21.7 | 28.8 | 42.8 |     |
| Max. Temperature                    | 1100°C                                  |     |     | 1200°C                |     |     | 1200°C         |      |      |      |     |
| Max. Continuous Working Temperature | 1100°C                                  |     |     | 1150°C                |     |     | 1150°C         |      |      |      |     |
| Temperature Sensor                  | Type 'K'                                |     |     | Type 'R'              |     |     | Type 'R'       |      |      |      |     |
| Maximum Power Rating (kW)           | 1.6                                     | 2   | 3   | 1.6                   | 2   | 3   | 5.75           | 6    | 7    | 7    |     |
| Holding Power @ 1000°C (kW)         | 0.64                                    | 0.8 | 1.2 | 0.6                   | 0.8 | 1.2 | 2.3            | 2.4  | 2.8  | 2.8  |     |
| Net Weight (KG)                     | 34                                      | 44  | 57  | 34                    | 44  | 57  | 75             | 120  | 130  | 140  |     |
| Electrical Supply                   | 1 PH                                    |     |     |                       |     |     |                |      |      |      |     |
| Power Control                       | Solid State Relay                       |     |     |                       |     |     |                |      |      |      |     |
| Over Temp Protection                | N/A                                     |     |     | Thermal Fuse Standard |     |     |                |      |      |      |     |
| Insulation Material                 | High Quality Low Thermal Mass Materials |     |     |                       |     |     |                |      |      |      |     |
| Chimney                             | N/A                                     |     |     | Standard              |     |     | Optional Extra |      |      |      |     |