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## SALT BATH FURNACES 1000°C SE 1000

**Definition:** Salt bath furnace for quenching up to 1000°C.

**Construction:** Access to crucible from top, manual cover closing.

**Insulation:** Multilayer insulation. Interior in ceramic fibre and refractory bricks.

**Heating:** Electrical coil resistors all around the crucible. Resistors mounted on ceramic tubes.

**Electricity:** 3x400 VAC, 50 Hz. Independent electric control box to mount on a wall.

**Regulation:** Thermocouple outside of crucible. Axron Swiss PID temperature controller.

**Documentation:** CE marking and operating instructions in English.

**Delivered with:** Delivered without crucible, customised manufacturing.



| MODEL       | ITEM CODE | Int. Vol.<br>(L) | Acceptable<br>mass (kg) | Crucible Dim.<br>(Ø x h) (mm) | Ext. Dim.<br>(WxHxD) (mm) | Power<br>(kW) | Weight<br>(kg) |
|-------------|-----------|------------------|-------------------------|-------------------------------|---------------------------|---------------|----------------|
| SE 1000-20  | G15024    | 19               | 80                      | Ø250 x 400                    | 900 x 800 x 900           | 14            | 490            |
| SE 1000-45  | G15025    | 50               | 200                     | Ø400 x 400                    | 950 x 800 x 950           | 21            | 540            |
| SE 1000-90  | G15026    | 95               | 380                     | Ø520 x 450                    | 1000 x 900 x 1000         | 27            | 590            |
| SE 1000-200 | G15027    | 148              | 595                     | Ø520 x 700                    | 1150 x 1050 x 1150        | 50            | 680            |
| SE 1000-300 | G15028    | 172              | 690                     | Ø605 x 600                    | 1250 x 1150 x 1250        | 60            | 920            |
| SE 1000-350 | G15029    | 201              | 800                     | Ø605 x 700                    | 1400 x 1950 x 1800        | 66            | 1805           |
| SE 1000-500 | G15030    | 366              | 1500                    | Ø720 x 900                    | 1600 x 2000 x 1950        | 74            | 2600           |
| SE 1000-600 | G15031    | 407              | 2000                    | Ø720 x 1000                   | 1450 x 1400 x 1450        | 84            | 1260           |

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