

# HIGH TEMPERATURE (MUFFLE) FURNACES

**M 1813**

High Temperature Furnace

<b>Temperature working limits</b>	250 °C to 1200 °C
<b>Capacity (Chamber volume)</b>	7 lt.
<b>Continuous working temperature</b>	1150 °C
<b>Type of thermoelement</b>	K type
<b>Temperature control</b>	PID Digital control
<b>Load switching element</b>	SSR (Solid State Relay)
<b>Thermostat setting increments</b>	in 1 °C steps
<b>Thermostat working accuracy</b>	± 1 °C
<b>Thermometer display increments</b>	in 1 °C steps
<b>Chamber temperature accuracy</b>	± 10 °C
<b>Casing material</b>	Sheet steel finished in stoved enamel paint
<b>Chamber structure</b>	Aluminum oxidized firebrick
<b>Insulation material</b>	Ceramic wool
<b>Fuse</b>	25 Amps.
<b>Power rating</b>	3000 W
<b>Heater type</b>	Khantal A1
<b>Power supply</b>	AC 220 V – 50/60 Hz
<b>Chamber dimensions (w x h x d)</b>	20 x 12 x 30 cm.
<b>Overall dimensions (w x h x d)</b>	50 x 59 x 68 cm.
<b>Net weight</b>	60 kg.
<b>Gross weight</b>	66 kg.

