

# HIGH TEMPERATURE (MUFFLE) FURNACES

**M 1914**

High Temperature Furnace

<b>Temperature working limits</b>	250 °C to 1000 °C
<b>Capacity (Chamber volume)</b>	1.6 lt.
<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>	2500 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>	10 x 10 x 16 cm.
<b>Overall dimensions (w x h x d)</b>	36 x 41 x 38 cm.
<b>Net weight</b>	26 kg.
<b>Gross weight</b>	30 kg.

