
VERSATILE

The LN1000 Gas Fired Kiln has many uses including metal heat treatment, enamelling, melting precious metals and wax burn-outs. It is used by students of Jewellery, dental and laboratory technicians.

FAST

The LN1000 Kiln reaches 850°C in only 10 minutes and can reach 1000°C in thirty five minutes.

SIMPLE TO INSTALL AND MAINTAIN

Designed for use with natural gas or low pressure bottled gas, the LN1000 can be permanently installed or used as a portable kiln, thanks to the low weight.

SAFETY FEATURES

Piezo Spark Ignition - eliminates lighting problems.

Flame Failure Device - no flame - no gas.

Heat Control Valve - simple, safe temperature control.

Unique Safety Door - provides minimum heat exposure.

Temperature Indicator - up to 1000°C.

All these are fitted as standard.

OPTIONAL EXTRAS

Casing Heat Guard to lower outer casing temperature.

EFFICIENT IN USE

The constant heat input combined with space-age insulation produces a stable operating temperature with minimum gas usage.

According to the Health & Safety at Work Act 1974, BS 4163 and COSHH Regulations it is mandatory that all fumes must be removed at source.

◆ Please state type of gas when ordering ◆

FLAMEFAST (UK) LTD

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A POPULAR SEMI MUFFLE GAS FIRED KILN FOR BOTH THE PROFESSIONAL AND STUDENT USER. THE LN1000 PROVIDES CONTROLLED HEAT UP TO A MAXIMUM TEMPERATURE IN EXCESS OF 1000°C.

GAS	RATE	BTUHS	Kw
Natural Gas	0.3m ³ /h	11,000	3.22
Propane	0.23kg/h	11,000	3.22
Butane	0.23kg.h	11,000	3.22

OPERATING GAS PRESSURES

Natural Gas	20 mbar
Propane	35 mbar
Butane	28 mbar

WEIGHT

11.8Kgs.

ENAMELLING

Designed for the professional or student enameller the fast heat up times allow enamelling to begin within 10 minutes. Large capacity and even heat distribution allows larger objects to be enamelled. The top outer casing of the kiln heats up sufficiently to enable the drying of enamels to be carried out.

METAL HEAT TREATMENT

Invaluable in the toolroom, machine shop or metallurgy laboratory. The LN1000 is ideal for heat treatment, hardening, case hardening and tempering of tools and components. The kiln's maximum temperature of over 1000°C quickly melts small quantities of metal e.g. aluminium and brass.

WAX BURNOUTS

Superb for the investment casting process the kiln provides good capacity and a clean burn with excellent ventilation. The heat control valve provides controlled even heat up to 1000°C.

MELTING PRECIOUS METALS

The LN1000 is ideal for melting small amounts of precious metals in a short space of time. A solid refractory base tile easily accommodates a large range of metal melting crucibles for melting gold, silver and other precious metals.

LABORATORY USE

The LN1000 is a good general semi muffle gas fired kiln which provides controlled heat up to a maximum temperature in excess of 1000°C in under 35 minutes.

DENTAL WORK

A multi purpose gas fired kiln that is safe, clean, fast and with controllable temperature .

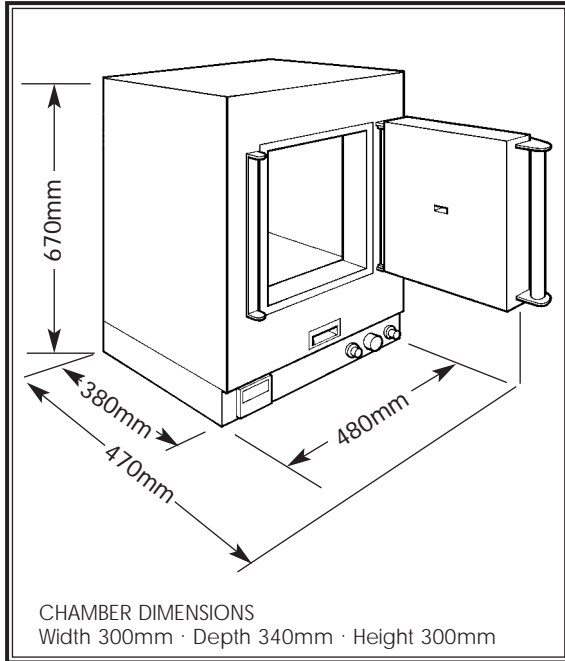
The LN1000 is ideal for:

- ◆ Gold Casting (inlays and dentures)
- ◆ Heating rings for porcelain bonding to gold and non-precious alloys.
- ◆ Cobalt chrome dentures.



LN 2000 GAS FIRED KILN

PRODUCT DATA SHEET



VERSATILE

The LN2000 Gas Fired Kiln has many uses including pottery metal heat treatment, enamelling, melting precious metals and wax burn-outs. It is used by students of Jewellery, and laboratory technicians.

FAST

The LN2000 Kiln reaches 850°C in only 10 minutes and 1100°C in 30 minutes.

SIMPLE TO INSTALL AND MAINTAIN

Designed for use in well ventilated areas the LN2000 runs on natural gas or bottled gas (LPG).

LARGE SIZED CHAMBER

Flush fitting chamber-sized door permits full use of all of the chamber volume.

SAFETY FEATURES

Piezo Spark Ignition - eliminates lighting problems.
Flame Failure Device - no flame - no gas.
Heat Control Valve - simple, safe temperature control.
Temperature Indicator - up to 1600°C.
 All these are fitted as standard.

EFFICIENT IN USE

The constant heat input and space-age insulation produce a stable operating temperature with minimum gas usage.

According to the Health & Safety at Work Act 1974, BS 4163 and COSHH Regulations it is mandatory that all fumes must be removed at source.

- Please state type of gas when ordering •

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A LARGE MULTI-PURPOSE SEMI MUFFLE GAS FIRED KILN FOR BOTH THE PROFESSIONAL AND STUDENT USER. THE LN2000 PROVIDES CONTROLLED HEAT UP TO A MAXIMUM TEMPERATURE IN EXCESS OF 1100°C.

GAS	RATE	PRESSURES
Natural Gas	0.6m ³ /h	20 mbar
Propane	0.46kg/h	35 mbar
Butane	0.46kg.h	28 mbar

WEIGHT 47Kgs.

ENAMELLING

Designed for the professional or student enameller the fast heat up times allow enamelling to begin within 10 minutes. Large capacity and even heat distribution allow larger objects to be enamelled. The top outer casing of the kiln heats up sufficiently to enable the drying of enamels to be carried out.

METAL HEAT TREATMENT

The LN2000 is ideal for heat treatment, hardening, case hardening and tempering of tools and components. The kiln's maximum temperature of over 1100°C quickly melts small quantities of metal e.g. aluminium and brass.

WAX BURNOUTS

Superb for the investment casting process the kiln provides good capacity and a clean burn with excellent ventilation. The heat control valve provides controlled even heat up to 1100°C.

MELTING PRECIOUS METALS

The LN2000 is ideal for melting small amounts of precious metals in a short space of time. A solid refractory base tile easily accommodates a large range of metal melting crucibles for melting gold, silver and other precious metals.

LABORATORY USE

The LN2000 is a good general semi muffle gas fired kiln which provides controlled heat up to a maximum temperature in excess of 1100°C in 30 minutes.

POTTERY

The LN2000 is ideal for glazing small single items of pottery. Glazing is usually done at just over 1000°C. Decorating pottery before glazing is difficult as many of the colours used will not stand up to the high temperatures used in glazing. Most decorating is done after glazing and then re-glazed and enamel fired at around 750°C.

DENTAL WORK

A multi purpose gas fired kiln that is safe, clean, fast and with controllable temperature.

The LN2000 is ideal for:

- ◆ Gold Casting (inlays and dentures)
- ◆ Heating rings for porcelain bonding to gold and non-precious alloys.
- ◆ Cobalt chrome dentures.



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