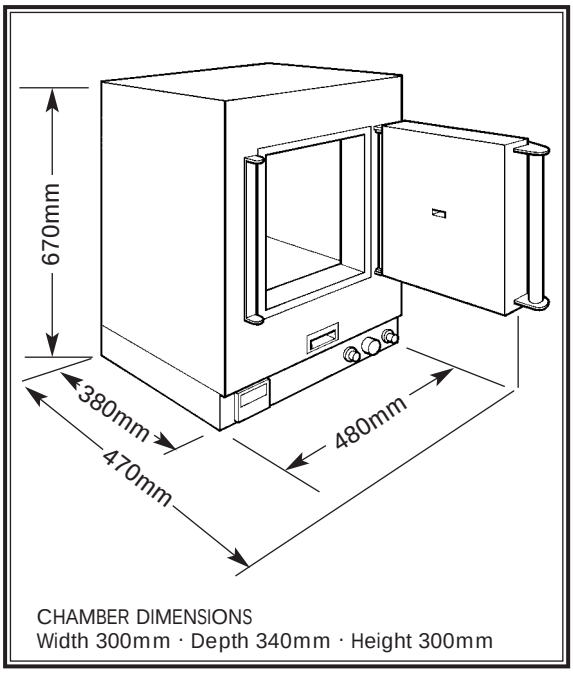
PRODUCT DATA SHEET

flamefast

PART No 50KILN-A02

LN 2000
GAS FIRED KILN



CHAMBER DIMENSIONS
Width 300mm · Depth 340mm · Height 300mm

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 1100ºC.

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 1100ºC 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 1100ºC.

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 1100ºC in 30 minutes.

POTTERY
The LN2000 is ideal for glazing small single items of pottery. Glazing is usually done at just over 1000ºC. 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 750ºC.

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.
- Cobolt chrome dentures.

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 850ºC in only 10 minutes and 1100ºC 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 1600ºC.
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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