Function of safety base

Directions for use of Laboratory Burners

Validity:

The instructions are appropriate for:

Bunsen Burners	with air regulator, pilot flame and gas needle valve or tap.
Teclu Burners	with air regulator, pilot flame and gas needle valve or tap.

Gas Pressure Range for

Natural Gas Burners:	18 to 25 Millibar
L.P. Gas Burners:	47,5 to 57,5 Millibar (use pressure regulator!)

Operating Instructions:

Fit gas tubing to inlet (1).
Use only DVGW approved laboratory tubing.
Secure with hose clip.
Open main gas tap.

Laboratory Burners with pilot flame:

- Turn needle valve (4) or tap (5) to right to close.
- Open air regulator (3) slowly.
- Ignite, pilot flame (2) will burn.
- Turn needle valve (4) or tap (5) to left to open.

In DIN type By-pass burner the pilot flame (2) continues to burn with the needle valve (4) or tap (5) closed. Regulation of pilot flame is not allowed. The gas supply to the pilot flame is controlled only by the main gas tap.

Flame Type:

Hard flame:	Open air regulator (3) slowly.
Soft flame:	Close air regulator (3).

Laboratory Burners without pilot flame:

- Open air regulator (3) slowly.
- Turn needle valve (4) or tap (5) to left to open.
- Ignite.

The DIN type laboratory burner can only be operated between minimum and maximum output.
The gas supply is controlled only by the main gas tap.

Safety Note:

Laboratory burners should only be used under constant supervision.
During ignition air regulator should be open.
The main gas tap should be opened immediately before use. Before closing the main gas tap the needle valves (4) or taps (5) of all laboratory burners have to be closed. The air regulators (3) should be slowly and fully opened to reach a complete combustion.

Laboratory burners are supplied from the factory with secure gas needle valves or taps, approved inlets and suitable sealers.

Function of safety base:

0. Screw safety base under laboratory burner base.
1. Press laboratory burner against clean and flat surface. (see picture)
2. To loosen draw tongue of safety base slightly upwards. (see picture)

If adhesion of safety base is reduced, clean with moist cloth.
Safety base available as spare part.