

Bochem Instrumente GmbH

USER MANUAL for

- **7400:** TECLU burner Natural gas
- **7410:** TECLU burner Propane gas

1.

Quality control:

All gas burner are tested by function and quality before leaving factory.

2.

Gas pressure regulation:

The gas burner can be used for following gas pressure.

Natural gas: 20 mbar

Propane gas 60 mbar

Important: Please check the gas pressure (mbar) before!

3.

Accessories:

Please use only gas tubes with the brand DIN 30664.

The tube should be not longer than 1 meter.

4.

To start using the burner:

Make sure, that the main gas pipe or bottle is closed!

Connect the burner with the gas tube and the main pipe or bottle.

Close the main needle valve at the burner: position "ZU".

Now open the valve of the main gas pipe ore bottle.

Then open the main valve at the burner and light on the burner.

5.

Air regulation:

Below the gas tube the gas burner possesses an air regulation.

The Bunsen burner has an air tube to revolve open/close the air hole.

The Teclu burner has an air panel to open/close the air.

To burn the gas you need suction air, so open the air system.

6.

Temperature:

If you have optimal gas quality and pressure, the burner should have 1300°C at the top of the blue flame.

7.

To finish the job:

Close the main gas tube.

Close the gas valve at the burner.