

## **Raku-Kilns PY 70, 110 and 160 R**

(Raku-Kiln to be powered by fluid gas only)

**PYROTEC**

**WARNING:** Please DO install and use the Raku-Kiln according the following

### **SAFETY-INSTRUCTIONS**

#### **1 General**

Raku firing comes along with a couple of risks, that cannot be avoided by safety features mounted to the kiln. Opening the kiln at temperatures above 1000°C is an essential part of the procedure. Thus a huge amount of heat escapes from the inside. During operation the kiln has to be supervised all the time.

Protect the kiln from mechanical stress like pressure or stroke.



#### **2 Installation**

The kiln may only be operated in the open air, not underneath roofs! It has to be aligned exactly horizontal on solid ground. During operation keep secure distance to all flammable materials and fluids.

Power supply is achieved by connecting the burner to a commercial gas tank. Make sure, that after use the valve of the tank is closed carefully. Repairs and maintaining of gas-installations shall only be done by authorised experts.

Never store gas-tanks inside your home or at places, that cannot be aired. Fluid-gas is heavier than air and thus concentrates in case of leakage on the ground.

Protect the gas-tank from heavy solar radiation.

#### **3 Starting the Kiln**

- Take care, that the lid of the kiln is opened before inflaming the burner.
- The surface of the kiln even when closed is hot during and even for some hours after firing. There is a high risk of burning injuries!
- Never place inflammable stuff on top of the kiln.
- Keep children and pets away from the kiln while firing it!
- Keep sufficient distance from peephole in the lid while surveying the firing process.
- Before opening the kiln at high temperature get dressed in protecting clothes such as fire-proof gloves, glasses and apron.
- Use Raku-tongs or long fire-proof gloves, that are able to protect your arms sufficiently while unloading the kiln.
- Long hair shall be fixed and kept in distance to the inside of the kiln.
- In case of any disturbance immediately close down the gas-valve of the tank.

#### **In Case of Gas-Smell:**

First close valve of gas-tank **immediately**, then extinguish any open flame!

#### **Raku-Kiln Contents of Delivery**

- 1 Toploader Raku-Kiln
- 3 Shaped Refractory bricks to split flames
- 1 Shaped Refractory brick to control lid-hole
- 1 Operating Manual, Safety Instructions