

## FLOW-METER REGULATOR

### CORRECT SETUP AND ADJUSTMENT



Dear Customer!

The here presented instructions are designed to familiarize you with the Installation and adjustment (see 2.1) of the "PUK-Flow-Meter Regulator"

Please read everything carefully and follow the given instructions precisely so that problems and operating errors can be avoided.

This will guarantee for your personal safety and also a long product life.

**LAMPERT WERKTECHNIK GMBH**



**Please see and follow also the manufacturer's instructions for the Flow-Meter Regulator!**

#### **1**    SETUP

##### 1-1    CONNECTING TO THE GAS BOTTLE

Mount the Flow-Meter Regulator to a appropriate gas bottle



**Please see and follow also the manufacturer's instructions!**

##### 1-2    CONNECTING THE GAS HOSE

Loosen and remove the sleeve nut (2) and insert the gas hose (1) into it.

Slip the Gas hose onto the connection (3) and screw in tight.



## 2 ADJUSTING

### 2-1 ADJUSTING THE FLOW-METER REGULATOR

First open the gate-valve (4) (*turn the valve anti-clockwise*) and relieve pressure to the Regulator by turning the adjustment-valve (5). (*turn the valve anti-clockwise*)

Slowly open the gas bottle valve (6). The high-pressure manometer (7) shows the pressure in the gas bottle.

☞ **A full bottle will show about 200 bar.**



Check that the gate-valve (4) is open (*turn anti-clockwise*), and press the power button on the front of your **PUK-Welding machine**. This will open the gas-valve in the machine.

The desired gas-flow rate can be adjusted by turning the pressure-adjustment-valve (5). Current pressure can be read on the low-pressure manometer (8). Raising the pressure - Turn the valve (5) *clockwise*. Lowering the pressure - Turn the valve (5) *anti-clockwise*.

☞ **We recommend setting the gas flow to ca. 2 l/min (litres per minute) for optimum results (i.e. gas pressure of approximately 0,4 bar).**

