

## PUK FLOW-METER REGULATOR SETUP AND ADJUSTMENT

Dear Customer!


The here presented instructions are designed to familiarize you with the installation and adjustment of the "PUK-Flow-Meter Regulator" and the gas hose.

LAMPERT WERKTECHNIK GMBH

### 1. SETUP

#### 1.1 CONNECTING TO THE GAS BOTTLE

Mount the flow-meter regulator according to its operating instructions to an appropriate gas bottle.

 PLEASE SEE AND FOLLOW ALSO THE MANUFACTURER'S OPERATING AND SAFETY INSTRUCTIONS!

 THE CONNECTION TO THE GAS CYLINDER HAS TO BE ABSOLUTELY LEAK-PROOF!  
PLEASE USE AN APPROPRIATE WRENCH!

#### 1.2 CONNECTING THE GAS HOSE



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




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

### 2. ADJUSTING THE GAS-FLOW

#### 2.1 PUTTING INTO OPERATION



- Firstly relieve pressure to the regulator by turning the adjustment-valve (4) counter-clockwise.
- Then **slowly** open the gas bottle valve (5). The high-pressure manometer (6) shows the pressure in the gas bottle.

 A FULL BOTTLE WILL SHOW ABOUT 200 BAR.

#### 2.2 ADJUSTING THE GAS-FLOW



- Now adjust the desired gas-flow rate by turning the adjustment-valve (4) clockwise while inert gas is flowing\*. Current pressure can be read on the low-pressure manometer (7).  
⇒ \*For opening the gas-valve of the welding device please follow the connected device's operation instructions.
- In case of decrease in pressure check all hose connections and readjust the gas-flow.

 APPROX. 2 L/MIN (LITER PER MINUTE) IS THE RECOMMENDED GAS-FLOW!