FLOW-METER REGULATOR

<u>CORRECT SETUP AND ADJUSTMENT</u>

Dear Customer!

The here presented instructions are designed to familiarize you with the Installation and adjustment (<u>see 2.1</u>) 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!**

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1   <u>SETUP</u>

1-1   <u>CONNECTING TO THE GAS BOTTLE</u>

Mount the Flow-Meter Regulator to a appropriate gas bottle

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

1-2   <u>CONNECTING THE GAS HOSE</u>

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). Rising 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).**

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