

## Operating and Safety Instructions CIMCO gas soldering iron

Please read fully before use!

### 0. Preparation

Always allow the gas soldering iron to cool down completely before you remove or replace accessories such as soldering tips. Replace the accessories by screwing or unscrewing the soldering tips, reflector or hot knife with the 7 mm open-end spanner provided and simultaneously countering with the 8 mm open-end spanner on the soldering iron head. The heat reflector for heat-shrinking is placed on the gas soldering iron head (while simultaneously using the flame nozzle).

The soldering iron head can be removed by undoing the knurled nut in order to use the gas soldering iron as a naked flame blow torch.

### 1. Filling with gas

Please note that the gas soldering iron is empty when delivered, i.e. not yet filled with gas.

Place the middle switch (locking device) in OFF switch (position bottom left). Hold the gas soldering iron with the filler valve facing upwards and fill it by pressing the gas bottle onto the valve.

Hold the gas soldering iron and the gas bottle upright when filling. The gas tank is full when gas or liquid escapes from the gas filler valve. After filling the gas soldering iron with gas, please wait for approx. 2 minutes before beginning work. The newly filled liquid gas can therefore settle in the tank. Indications that it is necessary to fill an empty gas soldering iron tank are

- no flame can be ignited
- no sufficiently hot flame
- soldering tip does not heat up

### 2. Ignition

Place the lower control switch in middle position. Place the middle switch (locking device) to ON (position top right).

Press the top ignition switch down in order to ignite the flame. If the gas soldering iron is used for micro-welding (naked flame) or heat-shrinking, the flame is maintained. If the gas soldering iron is used for soldering, the flame goes out automatically after a short time and the soldering tip begins to glow red.

### 3. Temperature and flame control

After ignition, the required operating temperature or flame length is regulated by turning the lower switch to the left (lower output) or to the right (higher output).

### 4. Before beginning work

Before using the soldering tips for the first time, they should be provided with a thin layer of solder. The cleaning sponge should be sufficiently damp.

### 5. Switching off

Turn the middle switch (locking device) to OFF (position bottom left). Allow the soldering tip and soldering iron to cool down before fitting the sealing cap and setting the soldering iron down.

### 6. Safety instructions

Butane gas is highly flammable and you should therefore always exercise great care when using it. Only use high quality butane gas (brand name products).

Keep the gas soldering iron out of the reach of children. Do not store and use the filled gas soldering iron at ambient temperatures of more than 50 °C (direct sunlight, heating etc.). The gas soldering iron contains extremely flammable, pressurised liquid gas. Do not use the gas soldering iron near naked flames, sparks or flammable material. Do not drop the gas soldering iron, allow it to develop cracks and holes or expose to naked flames. Ensure that you do not work near live power circuits as the gas soldering iron is not electrically insulated.