

# Innovative precision welding. The new PUK C140.



**C140**

# The new PUK C140.

Developed by goldsmiths  
for goldsmiths.

**Weld on findings, loops and wires, easily add metal, weld adjacent to stones, weld silver, attach workpieces prior to soldering and much more – all no problem with the PUK®.**



The PUK C140 precision welding device is a compact and versatile TIG impulse welder with which fine and minute welds can be carried out.

The operating principle and spectrum of possible applications are very close to those of laser welding. This similarity means that the exact positioning of small, stable spot-welds or welds in hard-to-get-to or deep lying positions poses no problem. In contrast to soldering, the area of the work piece that is affected by heat is very small when working with the "PUK".

So small in fact, that problem free welds adjacent to precious stones or pearls can be handled with ease. Even the finest of welds are possible. Utilising our welding microscope, the problem free handling of very thin workpieces now becomes a reality.



PUK welding's functional principle is as simple as it is ingenious. When the tip of the electrode in the welding handpiece touches the workpiece, the welding process starts automatically. Precisely on this touch point, an arc is ignited in an inert atmosphere as a lifting magnet in the handpiece withdraws the electrode.

## Facts, that speak for themselves.

### SUPERIOR WELDING CHARACTERISTICS

- Consistently reproducible high-quality welding results with all materials suitable for welding
- Precise positioning of the spot welds
- Very low, controllable development of heat
- Welding possible on even the thinnest of materials like loops and hollow-ware
- Welding in protective atmosphere

### QUALITY "MADE IN GERMANY" BY LAMPERT

### COMPACT SIZE – FITS INTO EVERY WORKSHOP

### SIMPLE AND INTUITIVE TO OPERATE

- Maintenance-free technology
- Low initial costs, excellent price/performance ratio
- Precision handpiece for precision welding
- Makes repairs and soldering work faster and easier
- Very low costs of consumer materials
- Low argon consumption
- Further practical system components available



### THE EYE PROTECTION SYSTEM AS1030

The most economical version of our eye protection system for beginners. Freely swivelable with 3 different interchangeable lens strengths. Electronically controlled eye protection filter for attachment to the PUK C140.



### WELDING MICROSCOPE SM03

By using the welding microscope, high-quality welds can be readily produced, hence outstanding results and highest precision made possible. LED lighting, handpiece holder as well as an optimum working distance ensure comfortable work.



### THE FLOW REGULATOR

Shielding gas is important for protecting the weld location from oxidation, and for creating the light arc, and is a prerequisite for the best welding results. To operate the PUK C140, only a very low flow of about 2 litres per minute is required and can easily be adjusted with the flow regulator.



### THE WELDING ELECTRODES

To achieve uniformly good welding results, it is important always to work with a pointed electrode. Delivery includes basic equipment of special tungsten electrodes 0.5 mm and 0.6 mm in diameter. In addition, a diamond grinding disk is included for clamping into typical micro motors.

The electrode grinding motor (No. 100 856), available as a practical accessory, is optimal for sharpening the electrodes.

For more information, visit our website:  
[www.lampert.info](http://www.lampert.info)

Lampert Werktechnik GmbH · Ettlebener Straße 27 · D-97440 Werneck · Tel. +49.9722.9459-0 · mail@lampert.info



#### User safety comes first

The welder's eye protection systems of the PUK welding equipment have been checked and approved by DIN CERTCO for Lampert.



#### Accolades for design and technology

Our welding devices have been distinguished many times not only for their innovative technology but also for their design. This means that our customers can be sure that they are using leading edge technology, without having to forgo an attractive design.



#### Tested device safety

Safety is paramount to Lampert. All of our machines and devices are "CE" tested and certified in accordance with the DIN standards. As such, our customers can depend upon the safety and reliability of our products at all times.



#### Quality for high demands

We place utmost importance on the highest production and quality standards; we maintain close contact with our partners and suppliers, and are aware of the reliability of our devices: Therefore, we proudly stand behind our products – Made in Germany!