

Gesswein®

# LAMPERT PUK 6

Precision welding at your fingertips



# Why choose the PUK 6?

Lampert's PUK series of precision welders give jewelers not only the power to handle larger welding jobs, the accuracy required for delicate tasks, but also the technology and ergonomics to make welding easy and comfortable.

## By Jewelers, For Jewelers

- Developed by gold- and silversmiths to handle modern repairs and serial production
- Patented WIG welding technology from the inventor of PUK micro pulse fine welding

## Superior Welds

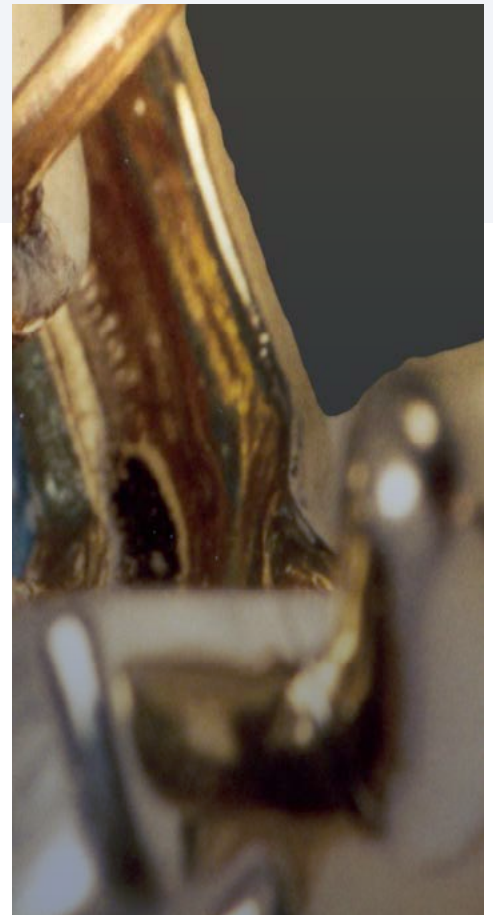
- Stable, reproducible, high-quality welds
- Low heat development for use near heat-sensitive stones
- Suitable for welding on large objects or thin surfaces under 0.2mm thick

## Ease of Use

- Intuitive interface
- New, high-resolution display
- Small physical footprint

## Quality

- High standards in manufacturing
- Made from fine materials
- Maintenance-free design



# Innovative Design, Improved Functionality

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## User-Friendly Design

Navigate the new, refined display using a single knob for fast and easy use

## Faster, More Powerful, More Precise

Handle delicate welds with speed and ease never before possible

## Design

- High-resolution display presents a simple, updated menu
- Classic lines and a clean look make the PUK 6 a welcome addition to any workplace
- Specially selected materials enhance both durability and beauty

## Operation

- Adjustable, enhanced speed function allows for quicker maximum welding spot sequences
- Improved micro-mode helps you to achieve new welding possibilities with finer increments in the lowest performance range
- New, patented welding process control prevents errors and enables even faster learning of PUK welding

## Functionality

- Welding curves optimized for all weldable alloys in jewelry manufacturing
- Higher maximum power than previous PUK welders
- Improved welding performance most noticeable with highly conductive silver, copper and tin alloys due to new speed function
- Brand-new standby mode for minimal energy consumption while keeping the PUK 6 ready for use

# Lampert's PUK Principle

Easy, precise, reproducible welds



The success of Lampert's fine welding devices comes from a largely automatic welding process. Just select the right settings for your work, and your PUK is ready to weld.

When you touch your workpiece to the electrode tip, a gas valve opens and an electric arc strikes the welding point. Immediately, the electrode withdraws into the handpiece for a preselected amount of time before extending again. All you need to do is adjust your workpiece as the PUK sends repeated individual pulses to form a bead.

You can adjust the size and direction of the welds by manipulating the angle at which the electrode touches your workpiece.

To stop welding at any point, just move your workpiece away from the electrode tip. This is an intuitive solution that gives you complete control over the process and prevents any mistakes.

Generally, all metals and alloys suitable for TIG welding can also be used with your PUK 6 including precious metals, precious metal alloys, and many types of steel. Due to the small amount of heat generated, you can also use the Lampert PUK 6 relatively close to gemstones.



# The PUK Difference

## PUK 6 Packages



8301561

### PUK 6 with Welding Microscope SM6

[Click for price](#)

#### Includes:

- PUK 6 Unit
- PUK 6 Handpiece
- PUK Flow Regulator
- Welding SM6 Microscope
- Electrode Grinding Motor
- Electrodes: 0.6mm, 0.8mm, 1mm
- Diamond Grinding Wheel
- Alligator Clip
- 9' Gas Hose



8301562

### PUK 6 with Welding Microscope on SMG5 Articulated Arm

[Click for price](#)

#### Includes:

- PUK 6 Unit
- PUK 6 Handpiece
- PUK Flow Regulator
- Welding Microscope on SMG5 Articulated Arm
- Electrode Grinding Motor
- Electrodes: 0.6mm, 0.8mm, 1mm
- Diamond Grinding Wheel
- Alligator Clip
- 9' Gas Hose

# PUK Accessories

## PUK Flow Regulator

8301516

Specially designed for the low gas flow rates used in PUK welding, the PUK Flow Regulator ensures the correct flow rate of argon gas for consistent welds.



## PUK Electrode Sharpener

8301625

The PUK Electrode Grinding Motor makes quick work of sharpening electrode tips. With proper care, your electrodes will deliver excellent results.



## PUK Electrodes

8301498, 8301499

The electrodes you need for precision welding. Available in 0.5mm and 0.6mm diameters. Package includes 10 electrodes, for consistent welds.



## Contact Pliers

8300973

Flat, pointed pliers for holding and handling small workpieces. A galvanic nickel plating gives these pliers optimal conductivity.



## Foot Pedal

8300993

As an alternative to the automated welding process, you can use a foot pedal to trigger each individual weld.



Lampert offers a 3-year warranty on their welding technology. Scan the QR code for full details.