

The advantages of the DENTA PUK

- **Biocompatible**

Work can be carried out with matching alloys, either with the addition of welding wire of the same alloy, or without. This way an unnecessary mixing of metals is avoided, allowing corrosion resistant joins to be produced.

- **Save time on repairs**

Compared to soldering, being able to weld close to veneers and resin saddles represents a major time-saving. Saddles can be left on the prosthesis; veneers don't have to be completely renewed.

- **Save material when repairing items**

With the DENTA PUK, there is no need for solder; this can be done away with completely. In most cases, it is not even necessary to make a soldering model, outer rims from silicon, or veneers made from composite or ceramic.

- **Creating new items**

Here various elements on prostheses, bars, crowns, and bridges, can be securely and reliably joined together, without the need for glue or solder.

- **Makes repair work easier**

This feature allows the precise and accurate placing of welded seams in hard-to-get-to spots and on thin materials. This prevents "total write-offs / total losses" and avoids the need for the time-consuming construction of new items.

- **"Clean" welds - low gas consumption**

Because of the shielding of the welding area by an atmosphere of protective argon gas, pure welds are achieved. At the same time, our gas-flow-optimised Argon nozzle reduces the argon consumption to a minimum.

- **Micro-mode**

Problem free welding, right down to a thickness of 0,10 mm with sheet metal and 0,25 mm with wires.

- **Maintenance free**

No additional servicing charges or costs. Needs only Argon-gas and electrodes. The machine is built for continuous operation.

- **User-friendly**

Offers ample freedom and working space. Inherent to the machines design and construction, it needs no external casing (i.e. welding box), or any other protective apparatus.

- **Small and manageable**

Fits in any laboratory thanks to its compact size, even where space is very limited. Can be readily repositioned in no time.

- **Quality "Made in Germany"**

All our welders come with a full 2 year warranty and of course, carry the "GS" safety standards certification.

- **Generates hardly any heat**

The object which is to be welded only heats up in the immediate area of the weld; this allows welds to be carried out in sensitive areas. The work piece can be held in the hand, allowing a constant monitoring of the inflow of heat.

- **Low initial costs**

Compare what the DENTA PUK can do and what it costs, with the alternatives.

- **Very low running costs**

The electrodes have a very long lifespan and are capable of producing circa 1800 - 2000 weldings per electrode. 10 electrodes are included as part of the standard equipment with every machine. The machine has a very low gas consumption.

- **Online web-support**

Our internet presence is full of useful information and is designed to aid and assist you personally.