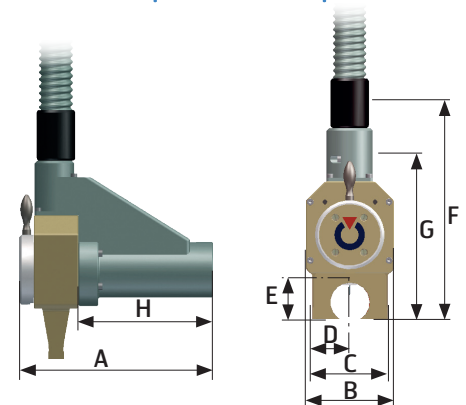
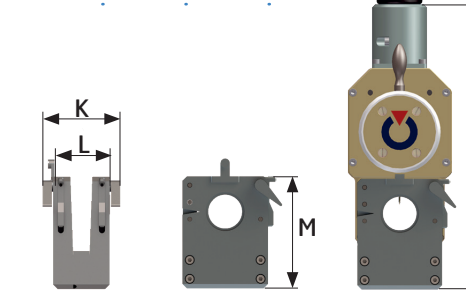


Technical specifications

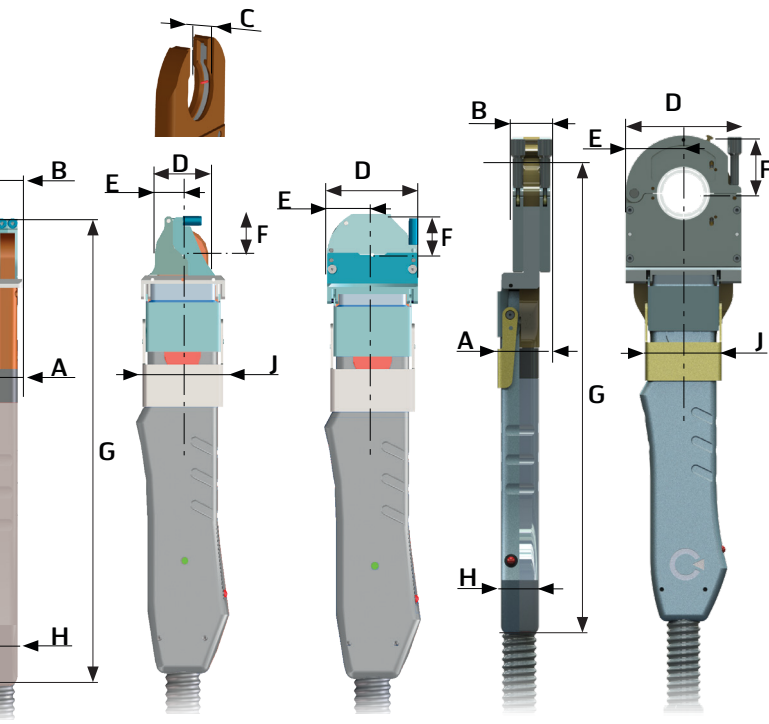
Type	Tube O.D. in mm / inches	
UHP 625	3 – 17.3 mm	1/8" – 11/16"
UHP 250-2	1.60 – 6.35 mm	1/16" – 1/4"
UHP 500-3	3.00 – 12.70 mm	1/8" – 1/2"
UHP 1000	6.35 – 25.4 mm	< 1"



UHP 625 Fixture blocks - tube/tube welding - Dimensions in mm (inches)			
K	L	M	N
≈52 (≈2.05")	38 (1.50")	75 (2.95")	232 (9.13")



UHP 625



UHP 250-2

UHP 500-3

UHP 1000

Cable length: 5.5 m

Options and accessories

- Interchangeable clamping cassettes and Tube Clamp Inserts (TCI) for all tube and pipe O.D.s available both in metric and imperial sizes
- Modular fixture-blocks for all types of micro-fittings, providing perfect tube end centring, alignment and great clamping force (UHP 625)
- Quick-change gear modules from 1/16" up to 1" for compact and optimised clearance around the welding joint (UHP 250-2, UHP 500-3 and UHP 1000)
- Extension cable (15 m)
- Dual welding head switch box
- Compact shipping case for transport and storage
- Tungsten electrodes, pre-sharpened and pre-cut
- Tool-kit for daily operations
- Full-set of workbench supports for UHP & MW welding heads

POLYSOUDE : Related services

Guidance and technical support

A welding application specialist in your area will advise you on the welding process and appropriate equipment for your application.

Commissioning / Training

A complete training program will enable you to start using the equipment immediately and in the best way possible.

Maintenance / Repair

Maintenance and repair operations can be carried out at the Polysoude plant as well as on site by our service network.

Rental service

Increase the flexibility of your production! A large range of equipment is available for rental from our hire fleet.

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A range of modular evolutive welding heads, perfectly adaptable to your needs
Compact design, maximum efficiency: Reduced radial and axial sizes
for maximum flexibility

Advantages

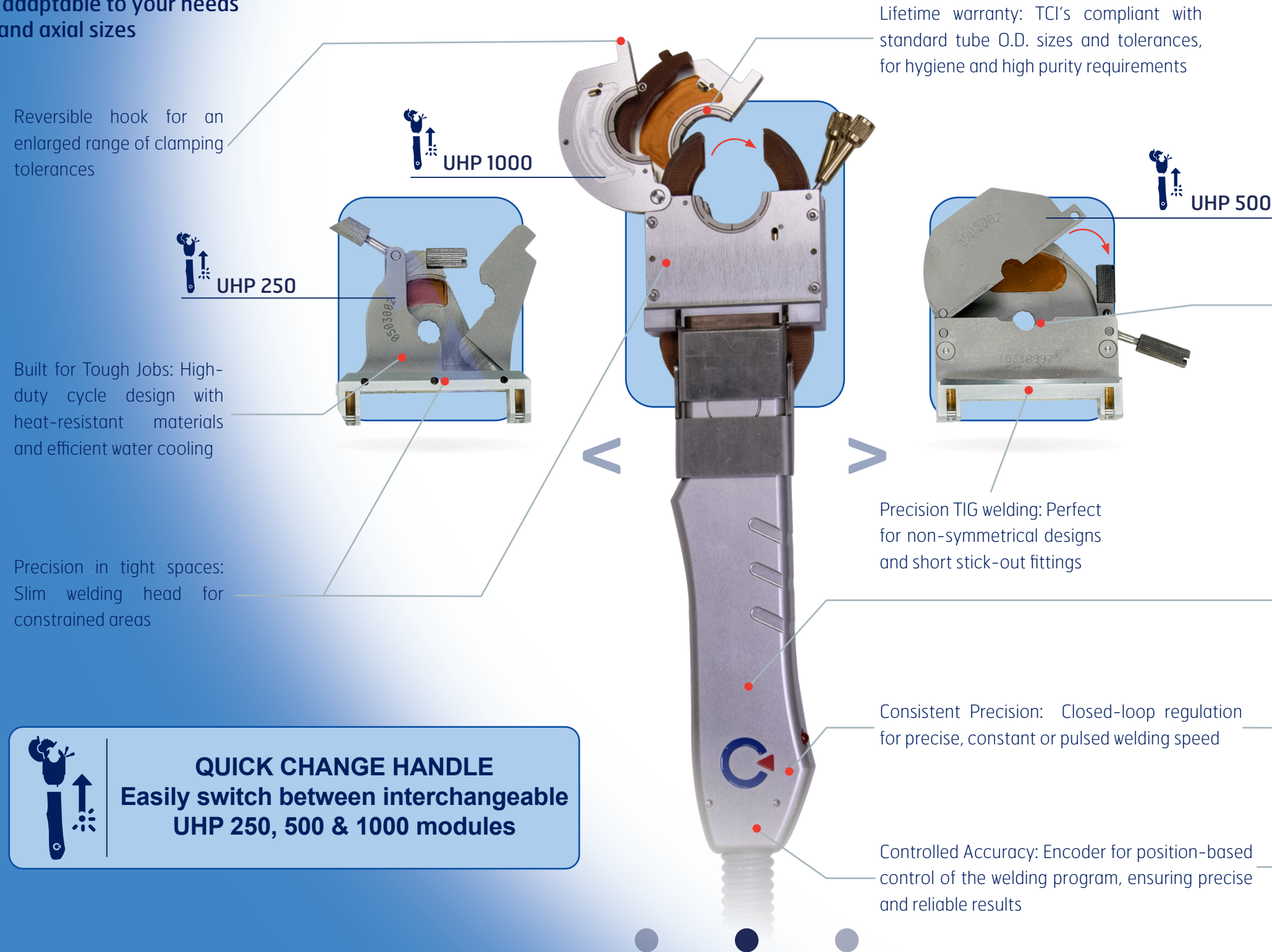
- ▶ Reduced radial and axial dimensions, especially
- ▶ Precision guaranteed: With an optimum closed-loop regulation system to ensure constant quality output
- ▶ Modular Design: Covering a very wide range of diameters
- ▶ Adaptable Clamping System: Unique system adaptable to workpiece design for all applications

Benefits

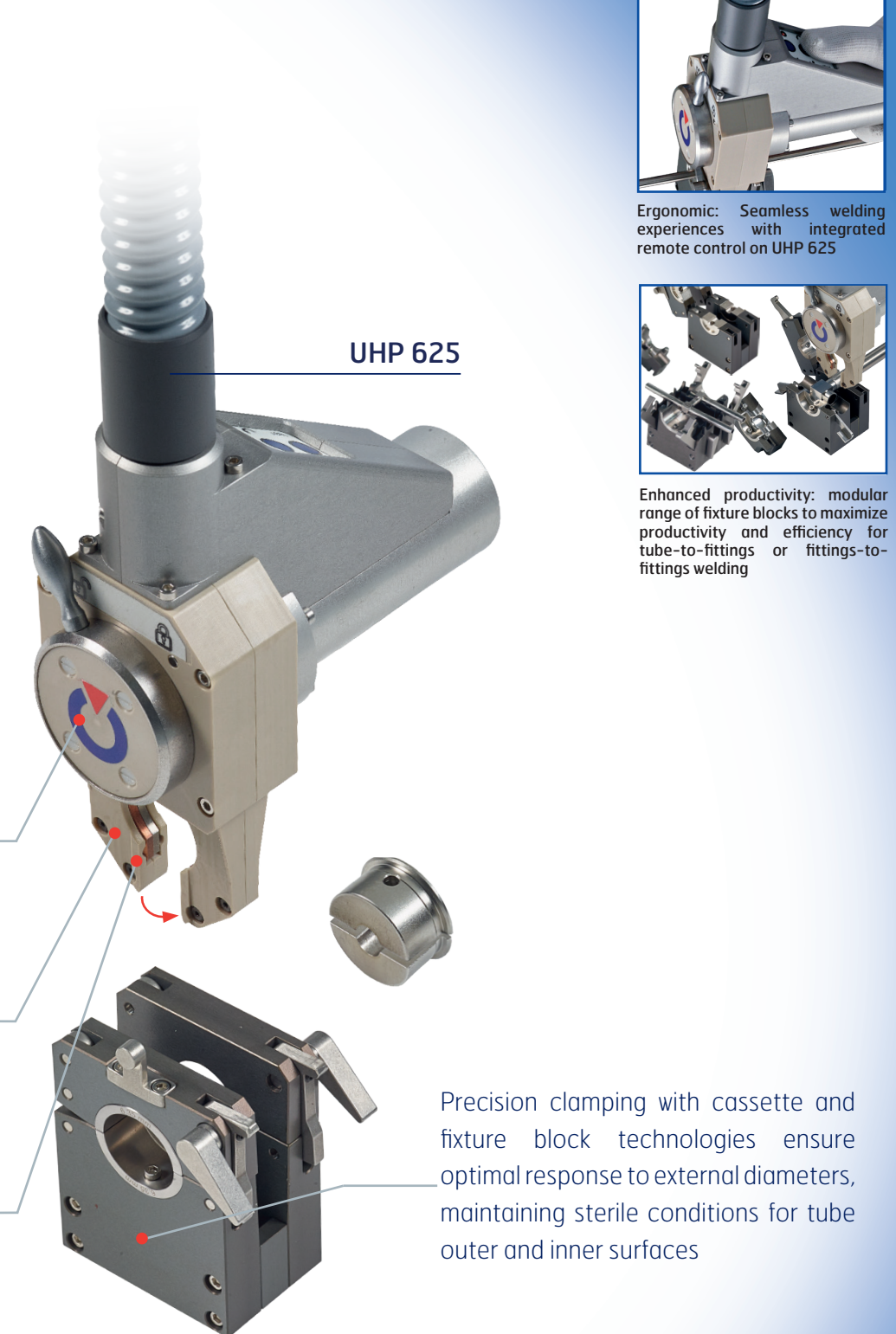
- ▶ Oxidation-free welds
- ▶ Simple & efficient product design
- ▶ Reduced cost of ownership
- ▶ Cassette and fixture blocks guarantee high-quality, repeatable orbital welds

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Our products reflect decades of mastery
in orbital welding technology, ensuring
unmatched reliability and performance.

Flexible UHP welding heads



Performance UHP welding heads



Smart
welding
stations



▶ P3 UHP CLEANROOM

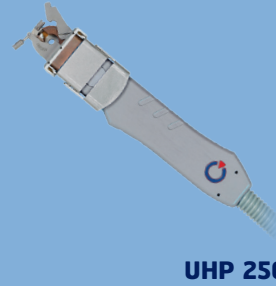
Available in Full Cleanroom environment

Compact, lightweight (17 kg), dedicated to Ultra High Purity industries, programming by PC/notebook or touch screen, single-phase power supply

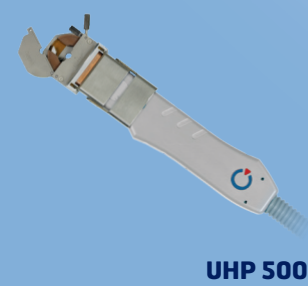
▶ Compatibility

with all Polysoude Smart Welding Stations

Complete
Range



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UHP 500



UHP 1000

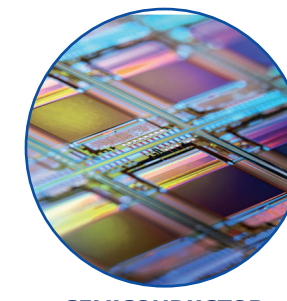


UHP 625

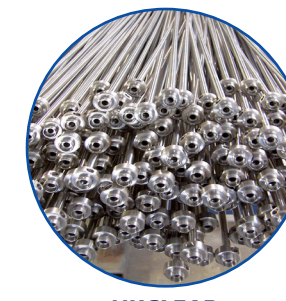
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