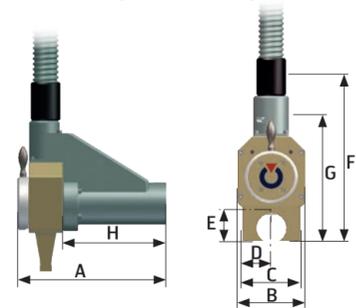
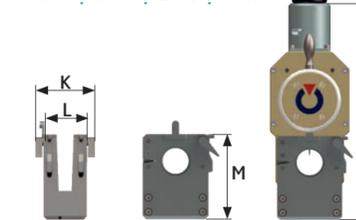


Technical specifications

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	1/4" – 1"



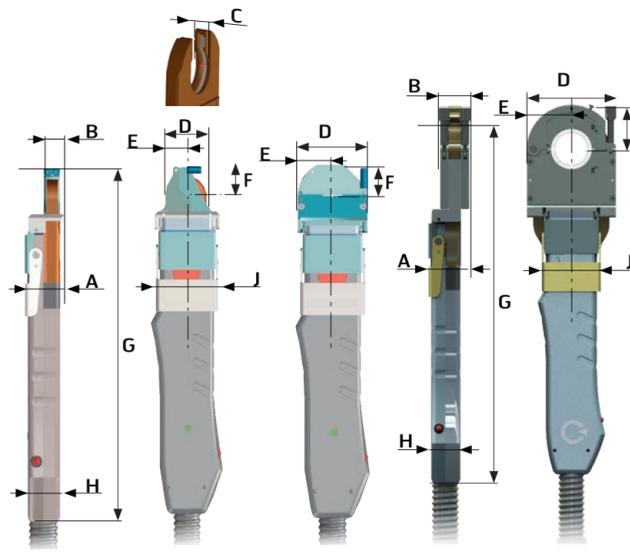
UHP 625 Fixture blocks - tube/tube welding - Dimensions in mm (inches)			
K	L	M	N
≈52 (≈2.05")	38 (1.50")	75 (2.95")	232 (9.13")



UHP 625

Type	Dimensions in mm / inches										
	A	B	C	D	E	F	G	H	J		
UHP 625	153 (6.02")	70 (2.76")	60 (2.36")	30 (1.18")	33.5 (1.3")	214 (8.43")	131 (5.16")	106 (4.17")			
UHP 250-2	27.8 (1.09")	11.9 (0.47")	5.6 (0.22")	31.6 (1.24")	16.5 (0.65")	22.3 (0.88")	257 (10.12")	23 (0.9")	44.5 (1.75")		
UHP 500-3	25.4 (1")	12 (0.47")	5.7 (0.22")	51.3 (2.02")	25.7 (1.01")	23 (0.91")	261 (10.28")	23 (0.9")	44.5 (1.75")		
UHP 1000	33 (1.30")	26 (1.02")	4.95 (0.16")	72.3 (2.83")	36 (1.42")	36.4 (1.42")	302 (11.89")	23 (0.90")	44.5 (1.73")		

Cable length: 5.5 m



UHP 250

UHP 500

UHP 1000

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.

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UHP Closed chamber welding heads

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 Compact design, maximum efficiency: reduced radial and axial sizes
 for maximum flexibility

Advantages

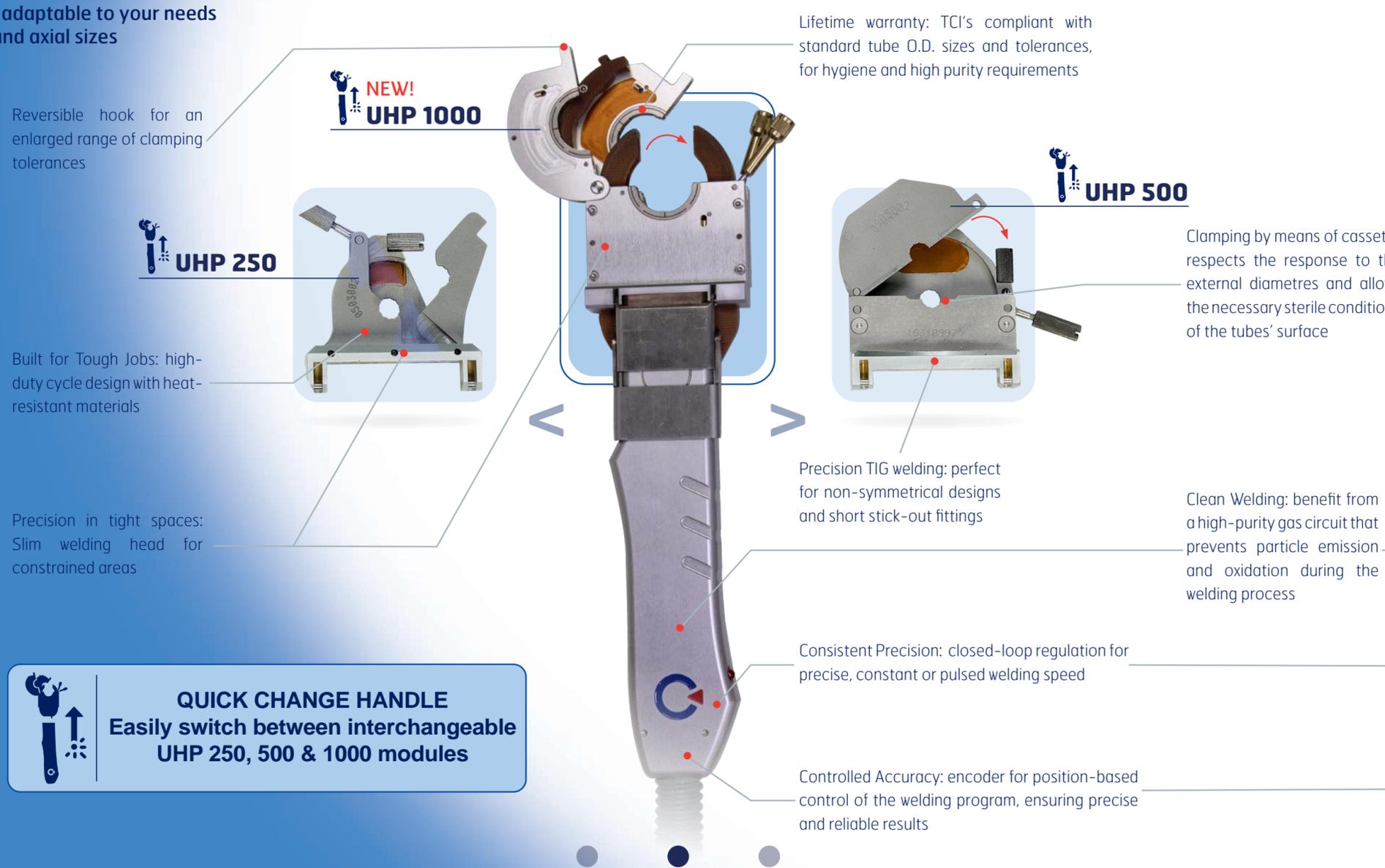
- ▶ Ultra compact: reduced radial and axial dimensions
- ▶ Precision guaranteed: with an optimum closed-loop regulation system to ensure constant quality output
- ▶ Modular Design: covering a very wide range of diameters
- ▶ Adaptable Clamping System: unique system adaptable to workpiece design for all applications

Benefits

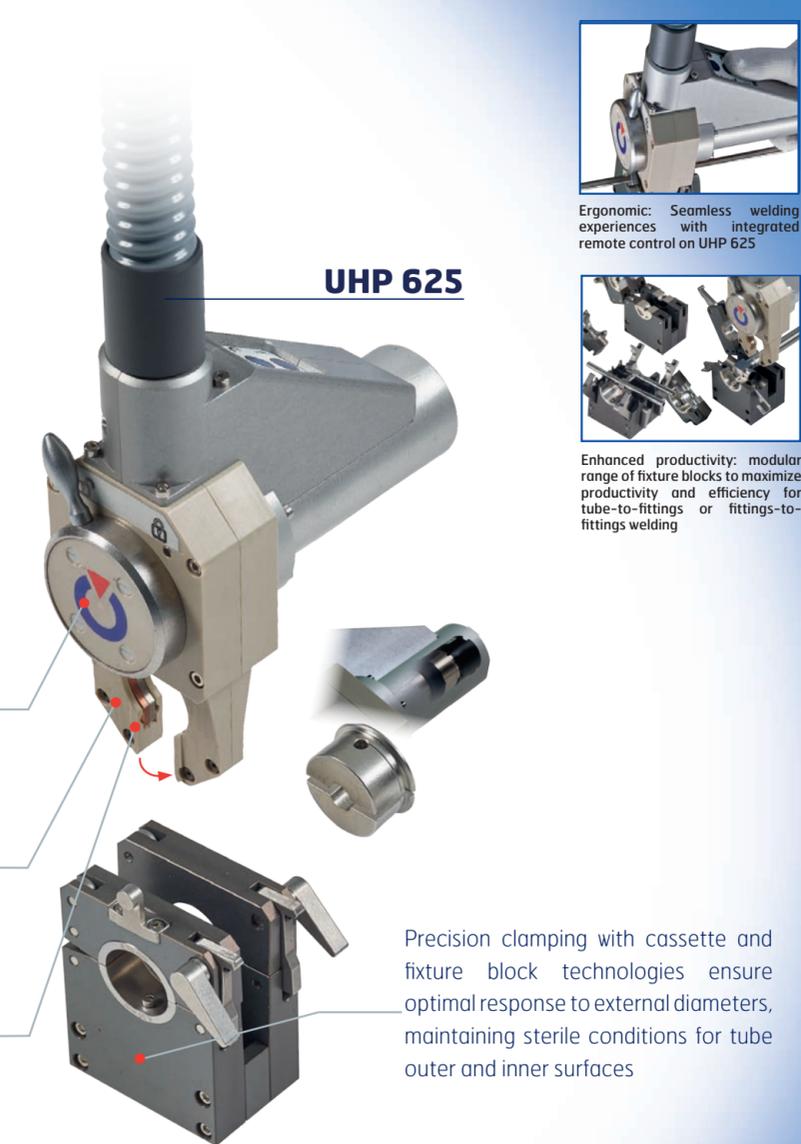
- ▶ Oxidation-free welds
- ▶ Simple & efficient product design
- ▶ Reduced cost of ownership
- ▶ Cassette and fixture blocks guaranteeing high-quality, repeatable orbital welds

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Flexible UHP welding heads



Performance UHP welding heads



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▶ **P3 UHP CLEANROOM**
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▶ **Compatibility**
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