MICRO WELDING MACHINE

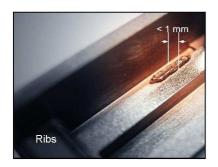
VS 100005

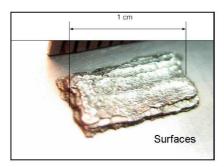
POWER - ACCURACY - SPEED - SAFETY - SIMPLICITY COMPACT - SETTINGS POSSIBLE - INTEGRAL COOLING

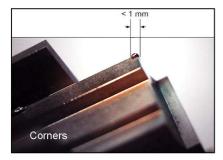
The WS welding machines revolutionise welding without heating applied to the repair of tools by surfacing. Through their unique medium frequency technology, they combine amazing ease of use, with excellent quality of result and yield.

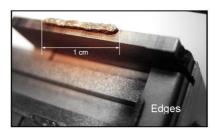


TYPICAL APPLICATIONS

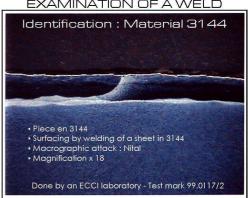








MACROGRAPHIC EXAMINATION OF A WELD



RESULTS

Detail of the structure in the link area:

- Satisfactory penetration of molten metal View of the assembly on polished metal :
 - A few metal folds can be discerned



CHARACTERISTICS

Model	10 000 S
Supply	1~220∨/50Hz/60Hz
Type of converter	Medium frequency 5kHz
Maximum welding power (1)	14.4 kW
Maximum welding amperage (2)	10000 A
No load voltage U20	3.6 V
Type of control	Current regulation
Maximum welding time	250 ms
Minimum welding time	1 ms
Current accuracy	8 A
Cooling generator	Induced air
Cable cooling	Induced air
Dimensions	Length 420 mm x width 240 mm x height 280 mm
Weight	19 Kg
Programming	10 programmes integrating all the parameters separately
Adjustable parameters	 Welding amperage in % Welding time in ms Single impulse / multi impulse welding cycle Form of impulse (powder / wire - sheet)
Maximum impulse speed	50
Maximum welding capacity (3)	1.2 / 0.4
Accessories and options	 Rotating welding torch / cooling dia. 70 mm² Rotating welding torch / cooling dia. 35 mm² Cooled welding ground dia. 70 mm² Mini welding torch dia. 16 mm² / Electrode holder dia. 2 et 5 mm

ADVANTAGES

- Very easy to use
- No heating
- No deformation, auroras, receeding material, etc.
- Discretion of welds, even in visible areas
- For all ferrous materials
- Surfaces areas where access is difficult
- Perfectly even and resistant welds

- Measurements made at the end of standard cables Measurements made with short circuit at the machine outputs Test carried out with accessories of the largest dimensions
- Very high accuracy
- Hardness of the welds: 36 to 62 HRC
- Easy and risk-free use no projections
- No protection needed
- No emission of arcs or smoke
- Ideal for intervention on press (no emission pf high-frequency current)

ACCESSORIES



Welding torch dia. 70mm



Footswitch pedal



Mini welding torch Dia. 35 mm



Micro welding torch Dia. 16 mm and 2 and 5 mm quick removal stylu-

Consumables



Electrodes

 Magnetic Silver / Copper

EXCLUSAMENTE EN MEXICO: Expertos en Plásticos, S.A. de C.V. México, Distrito Federal C.P. 01 050 Lusacell 044 55 19 52 21 56 y Nextel 01 (461) 2123543 ld. 72*12*22278mail: experplast@prodigy.net.mx - www.sstmicrowelding.com

