

LASE ONE MICROWELDING

- SPOT PLASMA -



LASE ONE MODELS

200i

250i

300i

LASE ONE ACCESSORIES

2017 CATALOG

TABLE OF CONTENTS

CABLES & SPARE PARTS	2
MICROWELDING TORCH	2
MICROWELDING TORCH NOZZLE.....	2
MICROWELDING TORCH ACCESSORIES KIT.....	2
ELECTRODE POSITIONING TOOL	2
ELECTRODE HOLDING GRIPPER	2
COLLET BODY.....	3
LASE ONE ELECTRODES SET	3
FOOT SWITCH PEDAL.....	3
GROUND CABLE.....	3
FINGER GROUND CABLE	3
 OPTICAL & LIGHTING	4
STEREO BINOCULAR MICROSCOPE WITH CONTROLLED SHUTTER	4
CONTROLLED SHUTTER WELDING MASK.....	4
COUPLING CABLE FOR STEREO BINOCULAR MICROSCOPE AND WELDING MASK.....	4
ARM LED ILLUMINATOR.....	4
LED ILLUMINATED RING.....	4
 ACCURACY & WELDING COMFORT	5
CART	5
WELDING TORCH HOLDER	5
MANUAL WIRE FEEDER.....	5
CLEANING PEN.....	5
PRECISION ELECTRODES SHARPENER	5
ELECTRODES SHARPENER.....	6
WRIST RESTS FOAM.....	6
FLOWMETER REGULATOR.....	6
MAGNETIC CLAMPING SPHERE	6

CABLES & SPARE PARTS

MICROWELDING TORCH



Micro-welding torch for the Lase One generator.
Available in two lengths: 1,5m and 3 m.

REFERENCES :

Length 1,5 meters : L1-TM-15

Length 3 meters : L1-TM-30

MICROWELDING TORCH NOZZLE



Specific nozzle for Lase One torches.

REFERENCE :

L1-BU

MICROWELDING TORCH ACCESSORIES KIT



Set is including:

- 1 electrode positioning tool ;
- 3 electrodes length 70 mm: Ø 1,0 mm; Ø 1,6 mm; Ø 2,4 mm.
- 3 electrodes holding gripper: Ø 1,0 mm; Ø 1,6 mm; Ø 2,4 mm.
- 3 neck supports: Ø 1,0 mm; Ø 1,6 mm; Ø 2,4 mm.

REFERENCE :

L1-TM-KIT

ELECTRODE POSITIONING TOOL



Tool to adjust and fix automatically the electrode's length out of its neck support (Active electrode length settable by a screw system).

REFERENCE :

L1-POSI

ELECTRODE HOLDING GRIPPER



Available diameters: 0, 5 mm; 1, 0 mm; 1, 6 mm; 2, 4 mm.

REFERENCES :

Ø 0,5 mm : L1-PE-05

Ø 1,0 mm : L1-PE-10

Ø 1,6 mm : L1-PE-16

Ø 2,4 mm : L1-PE-24

COLLET BODY



Available diameters: 0,5 mm; 1,0 mm; 1,6 mm; 2,4 mm.

REFERENCES :

Ø 0,5 mm : L1-SC-05
 Ø 1,0 mm : L1-SC-10
 Ø 1,6 mm : L1-SC-16
 Ø 2,4 mm : L1-SC-24

LASE ONE ELECTRODES SET



Set of 10 Specific electrodes for Lase One, length 70 mm. Available diameters: 0,5 mm; 1,0 mm; 1,6 mm; 2,4 mm.

REFERENCES :

Ø 0,5 mm : ELA20-0570-10
 Ø 1,0 mm : ELA20-1070-10
 Ø 1,6 mm : ELA20-1670-10
 Ø 2,4 mm : ELA20-2470-10

FOOT SWITCH PEDAL



Foot switch pedal for Lase One generator.
 Available lengths: 2 and 4 meters.

REFERENCES :

2 meters : SST-PDC-20
 4 meters : SST-PDC-40

GROUND CABLE



Ground cable for Lase One generator.
 Available lengths: 2 and 4 meters.

REFERENCES :

2 meters : L1-CM-20
 4 meters : L1-CM-40

FINGER GROUND CABLE



Extension ground for finger with thin and flexible cable cased of silicone to weld small parts hand-held under the binocular microscope.

REFERENCE :

L1-CMEXT

OPTICAL & LIGHTING

STEREO BINOCULAR MICROSCOPE WITH CONTROLLED SHUTTER



Stereo binocular microscope with shutter generator unit driven / Adjustable magnification from x4 to x20 / Cold lighting ring with 60 white light LEDs - Strong and focused illumination with shadow free - The 60 lights are divided into 4 individual zones. Each zone has its independent ON/OFF control as well as brightness control. Is including one set of 2 ergonomic foam wrist/hand/arm supports.

Option: Additive horizontal arm extension Length 215mm and vertical tube extension Length 150mm or 300mm.

REFERENCES :

Stereo microscope : L1-BINO

Arm extension (215mm): BINO-EXT-A21

Tube extension (150 or 300mm): BINO-EXT-T15 ; BINO-EXT-T30

CONTROLLED SHUTTER WELDING MASK



Welding helmet for Lase One generator.
Lenses x 2.5 magnification.
LCD shutter generator unit driven.

REFERENCE :
L1-MS

COUPLING CABLE FOR STEREO BINOCULAR MICROSCOPE AND WELDING MASK



Coupling cable allowing the simultaneous use of both stereo binocular microscope and welding mask.

RÉFÉRENCE :
L1-CCSM

ARM LED ILLUMINATOR



Arm illuminator with 2W white high efficiency LEDs light and brightness control.

REFERENCE :
SST-LED

LED ILLUMINATED RING



Additional Led illuminated ring with dimmer.
Adaptable on Stereo Microscope L1-BINO

REFERENCE :
O800401

ACCURACY & WELDING COMFORT

CART



Mobile serving cart equipped by electric cylinder operated by remote control. To use with extended cables.

REFERENCE:
CART

WELDING TORCH HOLDER



360° rotating welding torch holder for precision welding devices – To be clamped to the stereo binocular microscope arm support (ref: L1-BINO), large clamping ring for the micro-welding torch.

REFERENCE:
L1-BMS

MANUAL WIRE FEEDER



Manual Wire feeder for diameter wire from 0.2mm up to 0.6mm, indispensable for small diameter.

REFERENCE :
SST-GF

CLEANING PEN



Fiber glass cleaning pen for micro-welding, including one refill.

REFERENCES :
Cleaning pen : SST-CN
Set of 10 refills : SST-CN-R10

PRECISION ELECTRODES SHARPENER



Electrical portable grinder for Lase One electrodes equipped with an integrated dust filter. Easy to use, combined electrode positioning and locking device. Adjustable grinding angle from 15° up to 180°.

- Power supply: 110/230V - 50/60Hz
- Motor: 650W
- Max. speed 28 000 Rpm
- Weight: 2.8 kg

Diamond disk for spare parts available ref L1-DRAF.

REFERENCES :
Electrode sharpener : L1-AF
Diamond disk : L1-DRAF

ELECTRODES SHARPENER

Electrical portable grinder for Lase One electrodes, reliable and easy to use with variable speed control. The high quality of sharpening improves starting arc, especially for precise low intensity discharge.

- Precise sharpening in longitudinal direction, through a replaceable diamond cutting wheel
- Standard sharpening angle of 30°
- Power supply: 110/230V - 50/60Hz
- Max. speed 20 000 rpm
- Delivered with electrode holding pencil

Diamond disk for spare parts available ref L1-DRAFLC

REFERENCES :

Electrode sharpener : L1-AFLC

Diamond disk : L1-DRAFLC

WRIST RESTS FOAM

Set of 2 ergonomics foam to support and rest yours wrists/hands/arms that bring ergonomic and perfect position for higher efficiency in meticulous welding applications.

REFERENCE :

SST-MSP

FLOWMETER REGULATOR

Argon Flowmeter Regulator Shielding Gas 30L/min.

- Construction incorporates regulator and flowmeter into one compact unit
- Precise adjustment knob
- Security valve
- Valve box
- C type or quick connect in connection
- 5 to 30L/min, argon/CO2

REFERENCE :

L1-DCA

MAGNETIC CLAMPING SPHERE

Switchable permanent magnet hemisphere, which allows flexible and versatile clamping (free rotation) for fine application. Available in two diameters: 100 and 140 mm.

REFERENCES :

Ø 100 mm : SST-SM-100

Ø 140 mm : SST-SM-140

INFORMATION

Non contractual document. Due to continuing improvements in the design and manufacturing of equipment, specifications and technical data are subject to change without incurring any obligation on goods purchased. Document provided for information and valid from 1 January until 31 December 2017. Prices upon request: sales@sstmicrowelding.com.

**SST FRANCE**

Rue du professeur Dangeard
Zone MasterClub
33300 BORDEAUX - FRANCE
Office : +33 (0) 556 295 160
Fax : +33 (0) 556 295 169
Mail : sales@sstmicrowelding.com
www.sstmicrowelding.com