



SP7



Welding torch for automatic plasma, standard or dual flow TIG.

High performance and simplicity combined

Plasma welding made easy:

- *self centering of the electrode in the nozzle,*
- *electrode holder independent of the torch harness, allowing an easy adjustment of the tungsten electrode,*
- *indexing of the tip for easy fitting without dismantling into the nozzle (optimum positioning of the side duct).*

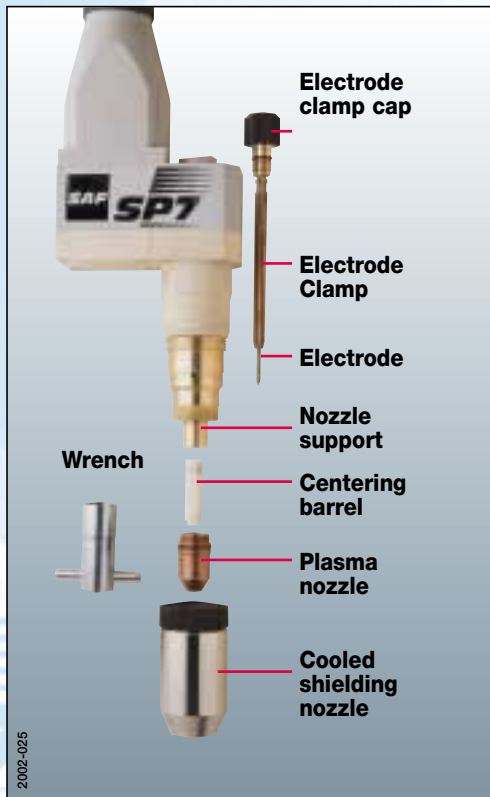
Unfailing performance:

- *excellent nozzle life time, thanks to the optimisation of the cooling circuit, and one piece design,*
- *electrode perfectly protected and cooled,*
- *welding of carbon steel, stainless steel, alloyed steel and noble materials as titanium, zirconium.*



AIR LIQUIDE

WELDING



Technical characteristics:

- Compact water cooled torch,
- Standard 150 mm tungsten,
- Easy electrode removal and adjustment via the top,
- Self centering of the electrode,
- Gas protection nozzle cooled by internal circuit,
- Extra trailing gas shield option (adaptable to the workpiece shape)
- Full electrical insulation,
- Fitting collar,
- Torch harness length: 1.15 m,
- Retrofitting SP6.

Duty cycle at 100%	450 A
Electrodes dia.	3,2 - 4,0 - 4,8 mm
Cylindrical nozzle dia.	1,5 - 2,5 - 3,0 - 4,0 mm
Cylindrical / divergent nozzle dia.	3,0 mm
Dual flow TIG sleeve dia.	6,0 mm

To order:

Standard offer	LD 34011
Torch	9357-0030
Fitting collar	9357-0029
Extra trailing gas shield	9325-0034
Connecting block	9357-6544

Example:

Plasma Manager system

This system is the solution for high level quality and production of various industries applications:

- stainless steel and noble metal tube & boiler-making industry (aeronautic, chemical engineering, energy production and transformation, transport equipments,
- gas, oil pipe prefabrication...

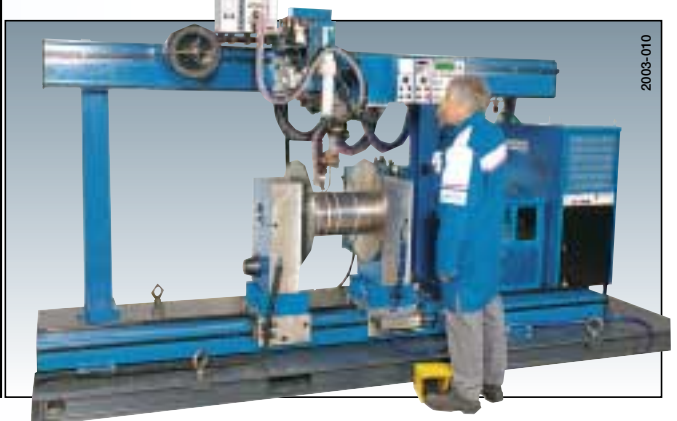


Nertamatic 450 system

Multi-purpose welding system to run, in automatic, the following processes:

- DC TIG with smooth or pulsed current,
- AC TIG variable polarity,
- DC plasma with smooth or pulsed current.

For this installation, use "SP7 quick connectors" only
Cat. N° 9258-0380



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