

THERMAL SPRAY COMPONENTS

Plasma Gun F4

The Plasma Gun F4 is a robust, well-proven and universal plasma gun to produce high quality plasma coatings up to 55 kW. Equipped with the standard nozzle of 6 mm, virtually all spray parameters can be met minimizing hardware changes. The F4 nozzles are thoriated tungsten lined resulting in extended nozzle life times. The nozzle design forms a uniform and stable plasma and with the different powder injection possibilities results in high deposition efficiencies and minimal overspray. The F4 gun is available in different configurations:

- F4-MB: Machine mounted in a 180° ('straight on") configuration
- F4-VB: Machine mounted in a 180° configuration for vacuum applications
- F4-HBS: Machine mounted in a 90° configuration
- F4-HB: Hand held version

Gun cooling jets and a wide variety of powder injectors and injector holders are available.

Specifications F4 plasma gun

Plasma Gases:	Ar/H ₂ , Ar/N ₂ , Ar/He
Maximum Power	55 kW
Standard Nozzle	6 mm
Water Pressure	(min / recommended / max) 10/ 12 /15 bar
Water Flow	15 ltr./Min
Weight (without gun cables)	2'900g

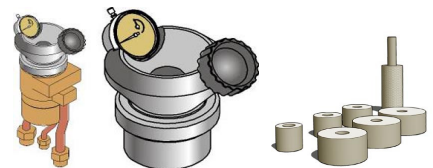
The AMT plasma spray guns are delivered in a rigid gun box with a full set of gun maintenance tooling. All guns are designed in accordance to the latest European CE regulations.

Special gun accessories are available from AMT stock to either adapt your plasma spray gun to the special needs of your application or for special gun set ups. Gun specific tooling is also available:

- F4 centering tool
- F4 injector gauge set
- Various powder injector assemblies
- Misc. air jet assembly designs

Wear Parts, Spare Parts and Consumables

AMT delivers a wide range of wear, spare and consumable parts for nearly all commercial plasma spray guns from stock. Please ask for a quotation.



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