

THERMAL SPRAY COMPONENTS

Plasma Gun F1

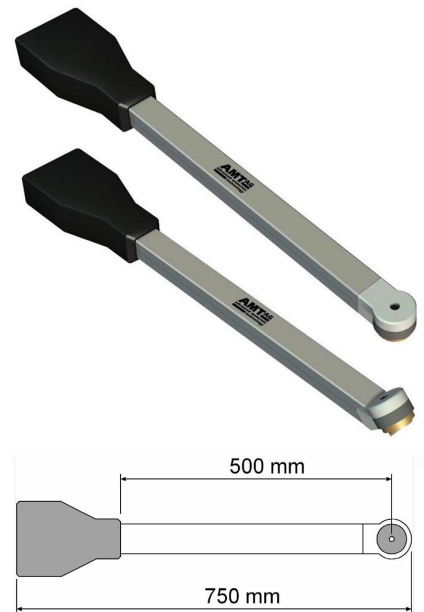
The Plasma Gun F1 is a robust, well-proven plasma gun to produce high quality plasma coatings up to 25 kW into internal diameters down to 70mm. The F1 nozzles are thoriated tungsten lined resulting in extended nozzle life times. The F1 gun is available in different configurations:

- F1-90: Internal spray gun with 90° gun head configuration
 F1-45: Internal spray gun with 45° gun head configuration

Both guns in standard shaft length of 500mm (other length on request)

Specifications F1:

Plasma Gases:	Ar/H2, Ar/N2, Ar/He
Maximum Power:	25 kW
Water Pressure:	(min/rec./max) 10/12/15 bar
Water Flow:	15 ltr./Min
Shaft Length	500 mm
Gun Diameter:	Ø 45 mm
Smallest Spray Bore Diameter:	Ø 70 mm
Weight (without gun cables):	2'800 g



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.

Integration of other Plasma Spray Guns

AMT is very experienced in integrating nearly all commercial plasma spray guns into the type MP 200 and/or into the type UP 80 thermal spray systems, such as:

- 9MB, 3MB-II, 7MST, 11MB
- F100, F210, F3
- SG100
- 3-Cathode Plasma Spray Guns
- other gun type integrations possible on request

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