

Plasma Spray



Conventional plasma spray, commonly referred to as atmospheric plasma spray (APS), is the most versatile method for applying thermal spray coatings. With the ability to control the many facets of the plasma spray process, you can not only spray a wide range of materials, from metallics to ceramics, but also onto virtually any material. With minimal coating distortion, the plasma torch can apply coatings to both small and large parts nearly continuously. The high degree of melting and particle velocity yields higher deposit densities and bond strengths than both flame and electric arc, making plasma coatings perfect for protection and refinishing applications.

Easy online quote requests **at www.thermach.com**.
Call **(920) 779-4299**. Email **sales@thermach.com**.

MADE
IN THE **USA**

Manufacturer of Equipment & Parts
for the Thermal Spray Industry.

AT-1000 POWER SUPPLY



The AT-1000 Power Supply's amperage is closed-loop controlled by the console, which monitors the

voltage at the power supply and plasma torch.

AT-2000 ARC STARTER



The AT-2000 Arc Starter is a solid-state high frequency ignition unit powered by the console and requires

no adjustments to operate.

AT-3000 CONSOLE



The AT-3000 series console options (available as AT-3010 and AT-3100) control all of the

equipment required for the plasma spray process.

AT-4000 HEAT EXCH



The AT-4000 Series heat exchanger is a 10-ton air-cooled chiller. It utilizes a variable speed compressor and has a large range for operation temperature.

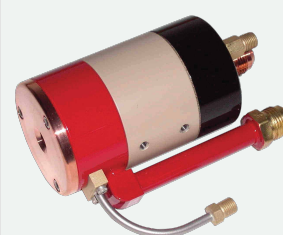
AT-1200 POWDER FEEDER



Thermach Powder Feeders are configured to deliver accuracy and repeatability. They are highly customizable. Precision machined, digital controls, rugged construction, and an internal tamper assembly keep this system

feeding consistently, with little maintenance. Thermach Powder Feeders are configured to your specs.

SG-100 PLASMA TORCH



The SG-100 is a robust and proven plasma torch with plenty of options. This multimode torch can spray

subsonic, Mach I, and Mach II - depending on hardware. Available in standard, 90 degree, and interior diameter extension configurations.

Equipment that lasts.
Precision parts
that work.

Made in the USA for
extreme conditions
everywhere.

Solutions that
allow your
coatings to excel.

(920) 779-4299
(920) 779-4452 fax

N677 Communication Drive
Appleton WI 54914 USA

www.thermach.com