

THERMAL SPRAY SYSTEMS

MP 200 Plasma Spray System

The MP 200 Plasma Spray System is a modular coating system based on the latest process control technology.

Main Features

- Closed loop control system
- PLC controlled process with MMI color touch screen
- Mass flow controlled process gases
- Supports any plasma spray gun on the market
- Manual-, automatic- and remote-mode
- Integration of auxiliary components
- Fully integration into turn-key thermal spray facilities
- Data logging capability
- Remote diagnostic with integrated modem

Safety Features

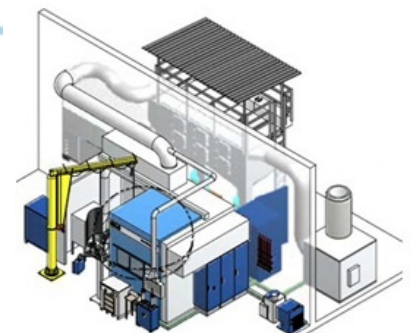
- Automatic parameter loading for selected gun
- Integrated gas sensor
- Automatic shut down if combustible gas detecting
- Shut-off valves for combustible gases
- Air flow monitoring of exhaust system
- Supply gas pressure monitoring
- Self-purge of gas lines and guns in case of E-stop
- Monitoring of robot/turntable functioning

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An MP 200 Plasma Spray System consists of the following components:

- Plasma gun
- Control module with MMI touch screen
- Gas module
- Jam module (Junction and monitoring)
- Powder feeder
- Plasma power supply Pulse Arc 1000



The MP 200 system can be fully integrated into a complete turnkey thermal spray facility with an exhaust system, water chiller, part handling, gun handling and acoustic booth.

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