

Recognize Quality



AT-8000
HVOF Console

**THERMACH**

AT-8000

Sample Screens



Main Menu



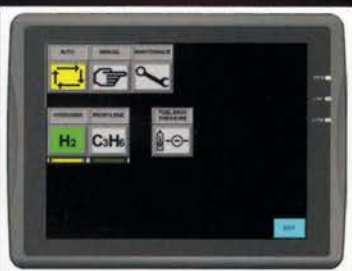
Automatic Mode



System Parameters



Powder Feeder



Gas Select

The AT-8000 HVOF Control Console is a semi-automatic HVOF process controller designed for production environments. Easy to understand touchscreen controls and large analog gauges and flow meters make the AT-8000 an excellent performer in any HVOF coating operation.

The AT-8000 uses NFPA Type "Z" purging and a visual alarm that warns the operator in case of purging malfunction, plus it uses a NEMA 12 enclosure with separate gas and electrical compartments.

The AT-8000 automatically sequences gas and power functions to start the HVOF gun and bring it to operating parameters. The AT-8000 was designed to operate an HV2000 gun, but may also operate other HVOF guns. Please contact a Thermach representative for information.

AT-8000 Control Console Requirements

Electrical	110 VAC, Single Phase, 50/60Hz, 15A
Oxygen	300 PSI Supply Maximum
Hydrogen	250 PSI Supply Maximum
Propylene	250 PSI Supply Maximum
Argon/Nitrogen	250 PSI Supply Maximum
Purge Air	65 PSI, 10 SCFM Minimum

Recognize Quality



HV2000 Gun with Igniter
and Flame Sensor



AT-8510 Flame Detector



AT-4100 Heat Exchanger



AT-1200 Rotary Powder Feeder
shown with optional AT-6000
Weight Loss System



AT-8000 HVOF Console

AT-8000 System Interconnections

