



KM Nozzle

Friction Compensated

Patented Sonic Design

Long-Life Cemented Carbide

Max. Gas Temp: 650°C

Powder Fluidizing Units

Patented Brush-Sieve Design

Light-weight pressure vessel

Proven Consistent Feed Rate

Powder Size: 500nm - 50µm

Feed Rate: 1-100g/min

Optional Dual PFUs

KM System Control

UL Listed • NFPA 70

Fully Integrated Control Software

Manual system operation with PLC
operating logic



Features

- ▣ Hand-held operation
- ▣ Open loop pressure control with pressure regulator
- ▣ Fully portable
- ▣ Multiple gas compatible
- ▣ He, N₂, & mixtures

Thermal Conditioning Unit

Nozzle Integrated, 2.5kW

Stainless Steel Powder Injection Tube

Powder/PreHeater Mixing Chamber

Light-Weight, Low Thermal Inertia,
Cool touch operation

Pressure/Mass Flow Control

Low Pressure Operation: 395 - 895kPa

Low Gas Flow Rate: He: 620slpm max

N₂: 225slpm max

He/N₂ blend: 275slpm/55slpm max

Low Inlet Pressure: 1MPa

KM Process Display

Localized User Display

Touchpad HMI

Limited Real Time Process Parameter
Change