



Features

- ▣ Hand-held operation
- ▣ Ruggedized portable enclosure
- ▣ 1-2-3 operating logic
- ▣ Multiple gas compatible (He, N₂, Ar)
- ▣ Unobstructed viewing and quiet process (<75dBA at 1m)
- ▣ Starts coating in less than 60 seconds!!

Deposition Nozzle

Friction Compensated, Sonic Design
 Long-Life Cemented Carbide Material
 Line-of-sight Process
 Max. Deposition Temp: 700°F (370°C)

Powder Fluidizing Unit

Patented Brush-Sieve Design
 Light-weight pressure vessel
 Proven Consistent Feed Rate
 Powder Size: 500nm - 50µm
 Feed Rate: 1-100g/min

KM System Control

1, 2, 3 Control logic with positive visual indicators
 Real-time temperature display with alarm
 On-the-fly feed rate adjustment



Thermal Conditioning Unit

Nozzle Integrated, 2.5kW
 Stainless Steel Powder Injection Tube
 Integral Mixing Chamber
 Light-Weight, Low Thermal Inertia
 Cool touch operation

Pressure Control

Low Pressure Operation: 520 - 895kPa
 Low Gas Flow Rate: N₂: 225slpm max
 He: 620slpm max, Ar: 200slpm max
 Low Inlet Pressure: 1MPa



Portable enclosure

Field repair deployable
 Integrated tool and spare part storage
 Rolling case - single man portable

Experience the KM™ Advantage

View the KM-CDS demo at www.inovati.com/kmdemo

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