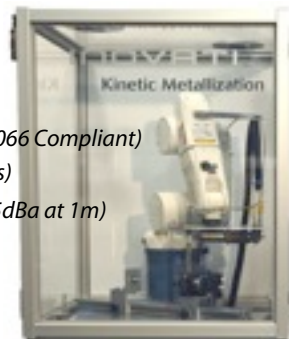




# KM-CDS 3.2, 6+1

## Features

- ➡ Closed-loop pressure control
- ➡ Built-in mass flow metering
- ➡ 6-Axis robot + rotation (IP65 & ANSI/RIA R15.066 Compliant)
- ➡ Multiple gas compatible (He, N<sub>2</sub>, Ar & mixtures)
- ➡ Unobstructed viewing and quiet process (<75dBa at 1m)
- ➡ Starts coating in 60 seconds!!



### Deposition Nozzle

Friction Compensated, Sonic Design

Long-Life Cemented Carbide Material

Line-of-sight Process

Max. Deposition Temp: 700°F (370°C)



### Thermal Conditioning Unit

Nozzle Integrated, 2.5kW

Stainless Steel Powder Injection Tube

Integral Mixing Chamber

Light-Weight, Low Thermal Inertia

### Powder Fluidizing Unit

Patented Brush-Sieve Design

Light-weight pressure vessel

Proven Consistent Feed Rate

Powder Size: 500nm - 50µm

Feed Rate: 1-100g/min

### Pressure Control

Low Pressure Operation: 275 - 895kPa

Low Gas Flow Rate: He: 620slpm max,  
N<sub>2</sub>: 225slpm max, Ar: 200slpm max

Low Inlet Pressure: 1MPa

### KM System Control

Fully Integrated Control Software

Real-time Human-Machine Interface

Complete System Data Logging

Quality Technical Support



### KM Process Display

Easy-to-use Integrated Robot Control

Localized User Display

Real Time Process Parameter Change

## Experience the KM™ Advantage

View the KM-CDS demo at [www.inovati.com/kmdemo](http://www.inovati.com/kmdemo)

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