Overview:

The VT-1000i coating system shares almost the same footprint as our smallest VT-Series unit but with approximately 6 times the capacity. The compact 6-rack design can deposit a broad range of durable decorative and functional PVD finishes on metal or plated parts, including some plastics. The additional capacity of the VT-1000i is suitable for higher volume applications, and more parts per batch—which means a lower cost per part and a faster return on your investment.

The VT-1000i is designed as a right-sized PVD and DLC coating system for customers that previously had considered thin-film coating systems to be too complicated or expensive. Differentiate your product by applying the same hard, durable PVD or diamond-like carbon (DLC) finishes in your facility, coatings that were previously only available to high-volume manufacturing operations.

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VT-1000i System

Detailed information

KEY capabilities

Compact
Small footprint, easy to integrate into factory.

Simple
Easy to operate and maintain.

Low cost
Low per-part coating costs.

Part sizes
Coat large parts up to 100 cm long.

DLC
Durable diamond-like carbon coatings.

SPECIFICATIONS:

System capacity

Coating zone per rack 100 cm x 25.4 cm ø (39.4 in x 10 in)
Number of racks 6
Coated area capacity 4.8 m² (51.7 ft²)
System footprint 1.6 m x 3.6 m (5.2 ft x 11.9 ft)

Coating technologies

- Cathodic arc physical vapor deposition
- Diamond-like carbon
- Available metallic coatings: pure, alloyed, or reacted zirconium, titanium, chromium, or carbon