Overview:

The VT-3000i is the largest VaporTech coating system designed for high throughput or larger parts up to 122 cm (48 in). Our unique centrally-mounted cathodic arc deposition source ensures you get consistency and maximum control over coating uniformity and properties. Lower temperatures allow coating a wide variety of materials such as steel, brass, zinc, or prepared plastic, giving products made of multiple materials a common finish and appearance. VaporTech will custom-design coatings to meet your specifications for color or function.

The VT-3000i is the newest version of our VT-3000 series coaters that have operated successfully in applications around the world for more than 20 years. Improvements include a 40% reduction in footprint, upgraded vacuum pumping system, updated software, and reduced maintenance requirements.
**VT-3000i System**

**Key Capabilities**

- **Uniformity**
  Excellent color uniformity & deposition rates throughout the chamber.

- **Consistency**
  Even coating deposition rates throughout the chamber.

- **Low temp**
  Lower-temperature process suitable for both metal and plastic parts.

- **Part sizes**
  Coat large parts up to 122 cm (48 in) long.

- **Flexibility**
  Multiple coating processes per system.

**Specifications:**

**System capacity**

- Coating zone per rack: 122 cm x 20.3 cm (48 in x 8 in)
- Number of racks: 16
- Coated area capacity: 12.4 m² (133 ft²)
- System footprint: 3.6 m x 4.3 m (11.8 ft x 14.1 ft)

**Coating technologies**

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