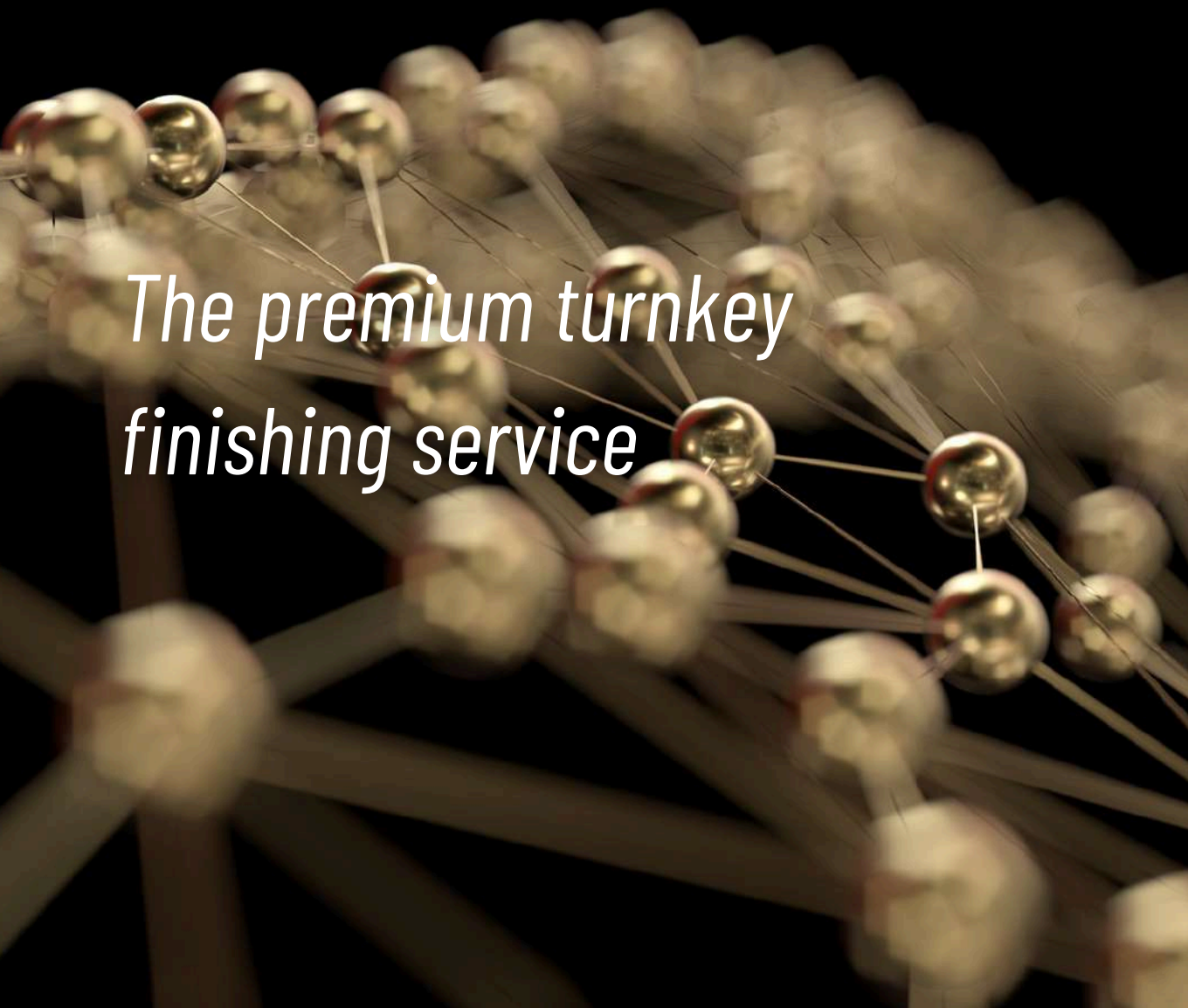


# PVD Coating Service

*The premium turnkey  
finishing service*



# What is PVD?

A vacuum-based coating process.

It deposits thin films onto various substrates like:

- Metals and Alloys
- Polymers
- Glass
- Ceramics
- Others (Silicon, Graphite, Composite materials...)

Unlike traditional wet based plating bath, PVD use physics:

- It doesn't involve chemical reactions.
- The vaporized material condenses from a solid state target onto the substrate, forming a coating.

This process offers clean, precise control over:

- Film thickness
- Composition



# Why choose PVD?

## Offers exceptional:

- Hardness
- Wear resistance
- Corrosion Protection

Provides strong  
adhesion to  
substrates

Thin yet  
durable  
coatings

Tailorable  
to meet specific  
performance needs



# The Coating Center

The PVD Coating Center offers a complete, tailor-made service for companies approaching PVD for the first time, managing production peaks, or developing custom finishes. Beyond providing a reliable “soft entry” into PVD, it also enables customer teams to train directly on their own products and processes, building solid in-house expertise and ensuring a well-structured transfer of technology.



# Complete turnkey service

Equipped with multiple deposition technologies (ARC, Sputtering, HiPIMS, HIPPO, PECVD, etc.), the Center can develop coatings with diverse aesthetic and functional characteristics to meet sector-specific needs. It is also fitted –and continuously upgraded–with testing machines that allow rapid execution of key industry tests and the flexibility to perform specialized evaluations, ensuring speed, reliability, and consistent results.

**Here's the PVD process step by step:**



1. Parts washing

2. Custom racks

3. Coating Cycle



4. Color Check



5. Quality Control



6. Shipping

# Flawless Repeatability, Batch After Batch

The center's strength lies in delivering flawlessly consistent batches that meet the highest standards. By minimizing rejects and waste, it optimizes costs and provides customers with full confidence in the quality and reliability of every delivery.



# Constant innovation in technology and color palette

Innovation is at the heart of the Kenosistec approach. The center continuously invests in new coating technologies and process improvements to stay ahead of industry needs. At the same time, the color palette is constantly evolving, expanding the creative and technical possibilities available to clients. From timeless metallic shades to unique, contemporary finishes, this ongoing innovation ensures access to the latest trends and the most advanced surface solutions.

**Below are our most requested colors:**



# Cross-industry applications

With proven expertise and flexible technology, Kenosistec has developed solutions for a wide range of industries—from automotive and sanitary fittings to jewelry, cutlery, and beyond. This versatility makes the center a trusted partner for diverse projects, each with its own specific requirements in terms of performance, design, and functionality.



**Eyewear, lenses and accessories**



**Handle and Knobs**



**Flatware**



**Jewelry**



**Watches**



**Faucets and Mixers**



**Automotive**



**Consumer Electronics**



**Medical instruments**

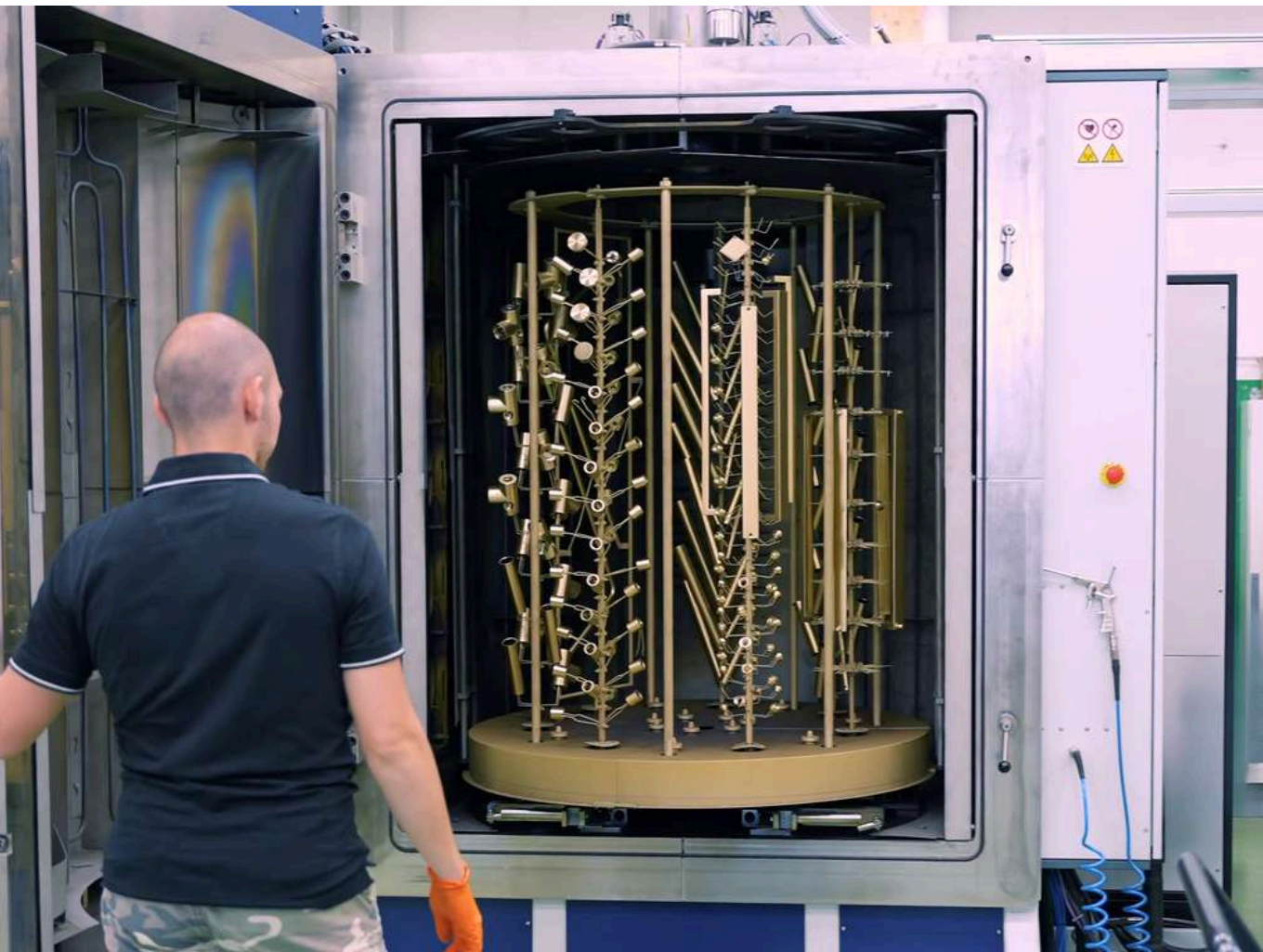
# Operational efficiency, on-time delivery, and consolidated know-how

Backed by decades of experience, the team applies best practices to streamline every stage of the coating process, ensuring both efficiency and reliability. Production schedules are carefully managed so that customers receive their orders exactly when expected, even during periods of high demand. This operational discipline, combined with deep technical know-how, enables the center to reduce lead times, control costs, and consistently deliver outstanding results on schedule.



# Sustainable High-Performance technology

PVD is one of today's most advanced coating technologies, delivering superior hardness, corrosion resistance, and durability on a wide variety of materials from metals to ceramics and plastics. Compared with traditional methods, PVD is far more sustainable, requiring no toxic substances and producing a lower environmental impact. This makes it a strategic choice for modern manufacturing, where sustainability and performance go hand in hand.

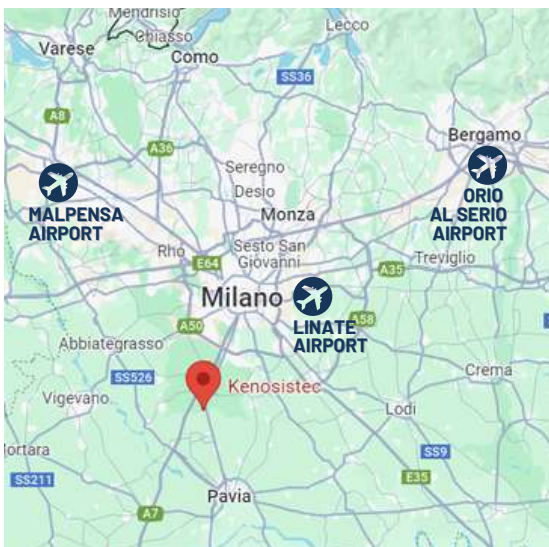


# Why Kenosistec?



## Some of our clients





**Kenosistec Srl**

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Tel. +39 02.90.55.200  
Fax. +39 02.90.52.984  
info@kenosistec.it

30 km away from Airport of Linate 65  
km away from Airport of Malpensa 78  
km away from Airport of Orio al Serio

**Kenosistec**, owned by Angelantoni Group, is a company capable to offer a wide range of systems for thin film deposition. Passion, technical competences, experience are the basis for offering innovative and competitive solutions for research, industrial and large area coating processes. Our leadership in this market is based on high quality products. New solutions and new improvements are constantly promoted in order to satisfy our customer needs. We are committed to respect and value the environment.

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