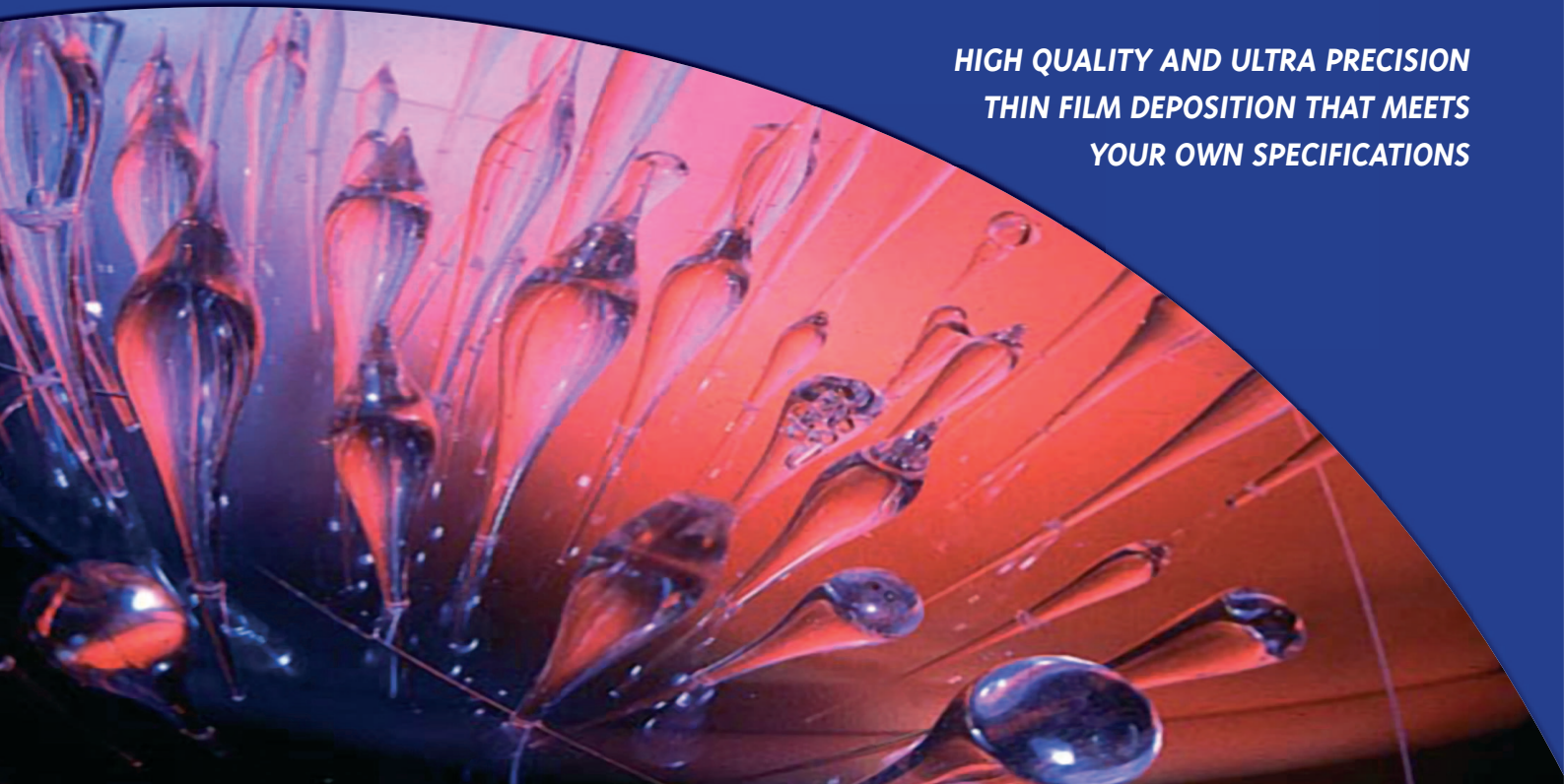


KERDRY

THIN FILM TECHNOLOGIES FOR OPTICAL COMPONENTS



HIGH QUALITY AND ULTRA PRECISION
THIN FILM DEPOSITION THAT MEETS
YOUR OWN SPECIFICATIONS

METAL DEPOSITION & OPTICAL COATINGS

KERDRY studies and performs custom designed thin films for advanced technologies

- **AEROSPACE • DEFENCE • METROLOGY**
- **OPTOELECTRONIC • BIOMEDICAL • PHOTONICS**
- **TELECOMMUNICATION • LASER • OPTICS**
- **LUXURY INDUSTRY • SENSORS**
- **OPTICAL FIBER**

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THIN FILM TECHNOLOGIES FOR OPTICAL COMPONENTS



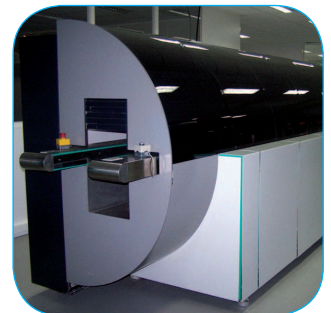
HIGH LASER DAMAGE THRESHOLD
PERFORMANCE AND QUALITY
CONTROL IN CLEAN ROOM

Kerdry realizes the standard coatings following catalog. We can integrate a new project from its initial phase to its industrial phase. Custom designed metal and optical coating dedicated to a wide range of applications : Aerospace, Defence, Metrology, Optoelectronic, Biomedical, Photonics, Luxury industry, Telecommunication.

Design : optical and mechanical

Manufacturing : 12 deposition machines in 500 m² of clean room. High adhesion, stability with temperature, high laser damage threshold. Processing on glass, ceramic, plastic, optical fiber...

Characterization of coating s designed on your own specification.



MÉTALLIC COATING (Au, Ag, Al, Ti, Ni, Cr, Ni/Cr, Pt, Cu...)

- Electron gun and sputtering.
- Mirror, soldering, conductivity, air tightness of packaging...
- Thickness : 20 nm to 5 µm according to materials.



OPTICAL COATING

- Electron gun with ion assisted deposition.
- Antireflective, mirror, dichroic, cold mirror...
- Optical range : 0,35 µm to 15 µm.



PHOTOLITHOGRAPHY

- Process Lift off : localized deposit.
- Classical process : chemical and dry etching.
- Resolution : few micrometers.



COMBINATION OF METAL AND OPTICAL COATING ON THE SAME SUBSTRATE



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