



Surface materials engineering

Your supplier for medical
surface treatment





Our scientific and industrial expertise at the service of medical progress,

HEF has been a key player in medical progress for many years, applying coatings and surface treatments to diagnostic, invasive, implantable and surgical devices.

HEF works in close proximity to its customers worldwide.



2023 Key figures

- 90 industrial plants
- 21 countries
- 3200 employees
- 329 M.€ turnover



Innovative solutions for medical imaging

Our HEF PHOTONICS business unit, a challenger in medical imaging, manufactures rotary anodes used in X-ray tubes.

Femtosecond laser technology: scientific excellence combined with industrial capacity

Biomimicry is also a source of inspiration for our platforms. For example, we can make surfaces hydrophobic and improve adhesion on certain surfaces.



Cross-disciplinary synergies within a highly qualified BU

The group manufactures mirrors, lenses, prisms, windows and filters for imaging systems: cameras, scanners, virtual reality headsets, etc., as well as blood analysis equipment.



- Invasive or implantable device
- Surgical devices
- Diagnostic device



PVD-PECVD

The following coatings can be offered by HEF in this sector:

- TiN | Certess™ Ti
- TiAlN | Certess™ T
- ZrN
- CrN | Certess™ X
- Certess™ DDT
- Certess™ DDTmedblack

