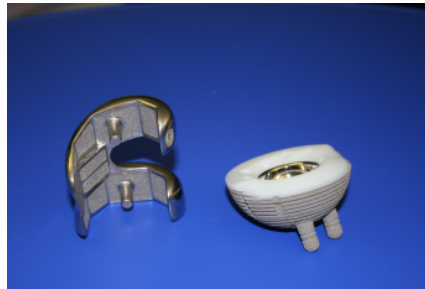


CASE STUDY



Cleaning of surgical implants

Machine: EgaClean 4100
Industrial sector: Medical implants / 132



- Industry:** Surgical implants
- Cleaning problem:** Intermediate cleaning of implants
- Soiling:** Cutting oil, particles
- Solution:** Cleaning under vacuum with isoparaffin (A3), vacuum drying
- | | | |
|----------|--------------------------------------|--------|
| Phase 1: | Immersion cleaning with ultrasonics | 65 °C |
| Phase 2: | Flooding with solvent and filtration | 65 °C |
| Phase 3: | Vapour phase | 85 °C |
| Phase 4: | Vacuum drying | 5 mbar |
- Approx. cycle time: 12 min.
- Requested quality:** Implants must be absolutely free of mineral oil
- Return on investment:** New production line. Biocompatibility is ensured by the water-based final cleaning phase.