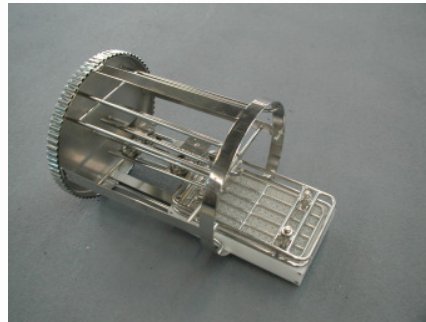


## CASE STUDY



**Cleaning of dental implants**  
Machine: Aqualine 9AL40/30A - Wetex  
Industrial sector: Medical implants / 132



- Industry:** Production of dental implants
- Cleaning problem:** Water-based ultrasonic immerse cleaning
- Soiling:** Oil (a little), dust, fine particles
- Solution:** Ultrasonic immerse cleaning with warm air vacuum drying
- Phase 1: Pre-cleaning with ultrasonics, warm, 60 °C
  - Phase 2: Cleaning with ultrasonics, warm, 60 °C
  - Phase 3: Immerse rinsing with ultrasonics, cold tap water
  - Phase 4: Fine cleaning with ultrasonics, warm, 60 °C
  - Phase 5: Immerse rinsing with ultrasonics, cold tap water
  - Phase 6: Immerse rinsing with ultrasonics, DI water warm
  - Phase 7: Immerse rinsing with ultrasonics, DI water warm
  - Phase 8: Immerse rinsing with DI water, warm
  - Phase 9: Warm air vacuum drying up to 120 °C
- Capacity:** 4 - 5 charges per hour
- Requested quality:** Particle-free, stainless, dry. Ready for quality inspection
- Return on investment:** Net investment - Productivity has been increased and the final quality of the products considerably improved.