



The polymer specialists

Chempilots a/s

Contract R&D Production

- Medical devices
- Drug release systems
- Custom materials





Product development

Chempilots is a specialist in polymer chemistry, polymer materials and technology applied in medical devices.

We provide contract R&D, process development, and production of medical devices and specialty materials.

Areas of special expertise

- Hydrogels
- Electrode gels
- Adhesives and coatings
- Sensors
- Implants
- Controlled drug release
- Polymeric cements
- Custom polymer production
- Functional inks for pad, screen, gravure and ink jet printing

Call us for an informal discussion of ANY polymer related issue, project, problem, or idea.

Christian Elbek, project director
Tel: +45 4439 6107

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References

Vistakon, J&J	> Soft contact lenses
Contura	> Injectable implants
Lifescan , J&J	> Blood glucose tests
Millimed	> NO releasing systems
Coloplast	> Ostomy and wound care
Endosense	> Catheters
Radiometer	> Sensors
Fertin Pharma	> Controlled drug delivery
Unomedical	> Electrodes
Ambu	> Resuscitators
Biosense-Webster, J&J	> Catheters
Novo Nordisk	> Protein delivery systems
Cordis, J&J	> Stents
Lattec	> Diagnostics
Microtronic	> Hearing aid components
Boston Scientific	> Catheters
PreciSense	> Sensors
Egalet	> Controlled drug release

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Production

Chempilots is set up for fast implementation of low volume medical productions.

Our expertise within R&D, processing, QA/RA, GMP production and sterilization in combination with extended clean room facilities ensures a fast and efficient turnaround.

Below are examples of products we have produced.

Specialty materials

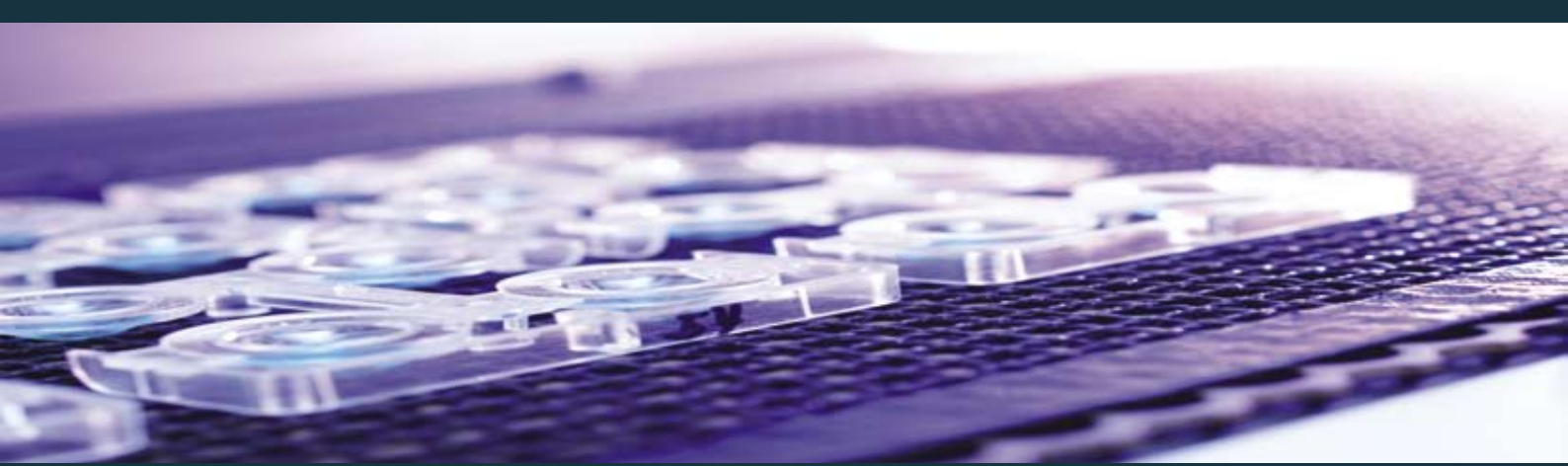
- Hydrogel based inks
- Acrylic cement powder
- Pthalic acid acetal
- NO loaded polymer
- Silver complexes
- Silicone adhesive

Medical devices

- Sterile soft contact lenses
complying with MDD93/42/EEC
applying ISO 13485
- Controlled drug delivery devices
Class 10,000 pilot production
- Sterile injectable hydrogel samples
for animal implantation studies (GLP)

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Process development

Process development represents a critical link between R&D and production. Our working methodology is concurrent development of product and process. This enables a fast and integrated solution to product design, processing, equipment, validation, and subsequent production.

Our experience with medical device processing operations includes:

- Molding
- Printing
- Coating
- Welding
- Dispensing
- Drying and curing
- Surface treatment
- Narrow-web processing

Call us for a discussion of your specific needs.

Richard Schmidt, project director
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Chempilots in brief

Chempilots a/s is an internationally operating contract R&D and production company based in Denmark.

The company was founded in 1957. Today we have 35 employees and an export rate of 75%.

Chempilots is located in the Medicon Valley region north of Copenhagen, a 30-minute drive from Copenhagen airport.

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