

INNOVATIVE TECHNOLOGIES FOR POWDER PROCESSING.

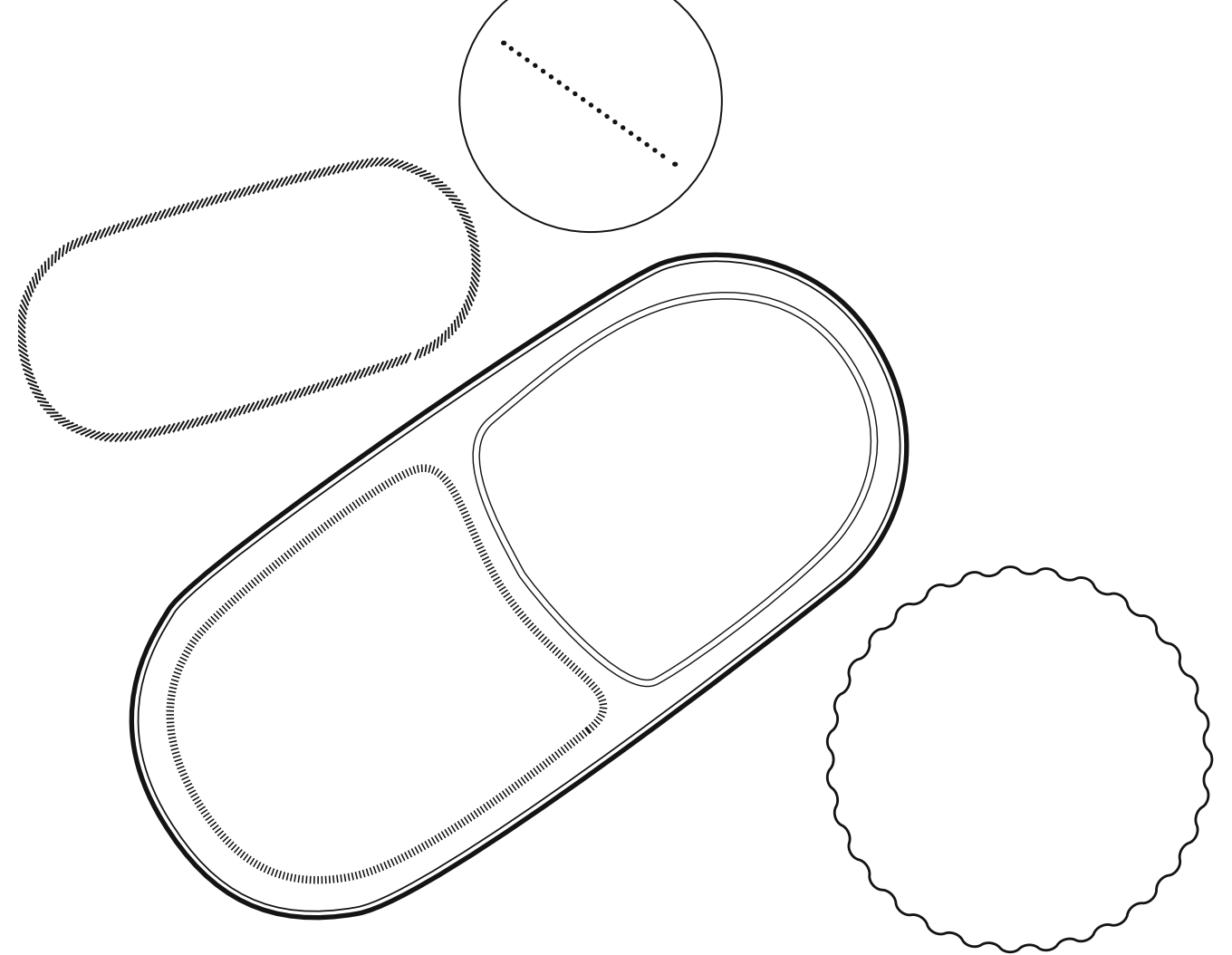




THE COMPANY

OUR VALUES

- Passion
- Competence
- Innovation
- Sustainability



FOUNDATION

Our roots go back to 1938 to the foundation of our first machining workshop in Bourg en Bresse (South-East France). In 1985 first work on industrial tablet presses and development of Special tooling in the pharmaceutical industry took shape in the heart of Medelco.

MEDELPHARM was born as dedicated branch of Medelco focusing on the pharmaceutical market.

In 2006 MEDELPHARM, now head-quartered in Lyon, broke away from the purely mechanical sector and became an independent company in order to put pharmaceutical activities in the center of its operations.

MISSION

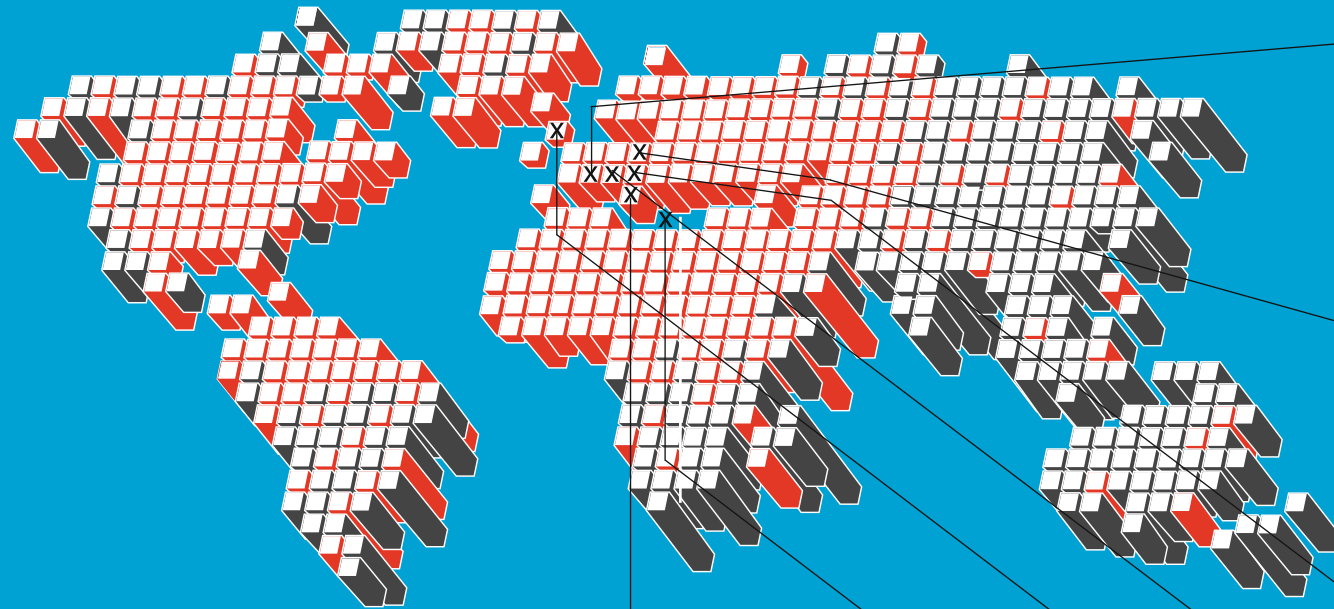
MEDELPHARM's Philosophy is based on the continuous search for innovation in powder compression linked with a sustained strive for excellence.

Development goals are pursued in close partnership with R&D experts as well as production teams to reach a mutual benefit and optimal results.

AFTER OVER 70 YEARS OF DEEP-ROOTED PASSION FOR HIGH PRECISION ENGINEERING, MEDELPHARM NOW PUT THE DESIGN & DEVELOPMENT OF R&D TABLET PRESSES AND TABLETING TECHNOLOGIES IN THE FOCUS OF ITS OPERATIONS.

Complete and innovative solutions are ensured by a global team of highly competent professionals in the field of engineering, software development, tableting technologies and formulation.

ACTIVITIES



MARKETS AND INDUSTRIES

- Pharma
- Food & Confectionary
- Detergent & Chemical
- Explosive & Nuclear
- Cosmetics

UNIVERSITY PARTNERS & RESEARCH CENTRES

We are proud on our successful partnership with Universities world-wide which are focused on the field of Pharmaceutical Technologies globally and particle design, micro and process technologies in particular. This collaboration leads to a continuous improvement of our machines serving our most valuable asset: MEDELPHARM's clients.

Université Claude Bernard Faculty of Pharmacy, Lyon, France
www.univ-lyon1.fr

School of Pharmacy of Chatenay-Malabry (Paris), France
www.pharmacie.u-psud.fr

University of Bordeaux, France
<http://www.labex.u-bordeaux.fr/>

Friedrich-Wilhelms-Universität Bonn, Germany
www.pharma.uni-bonn.de

TU Braunschweig, Institut für Partikeltechnik, Germany
www.ipat.tu-braunschweig.de

Solids Development GmbH, Germany
rob.lammens@solids-development.de

University of Basel, Suisse
Pharmaceutical Technology
www.unibas.ch

Research Center of Pharmaceutical Engineering, Graz, Austria
www.rcpe.at

Liverpool John Moores University, UK
School of Pharmacy and Bio-molecular Sciences
www.ljmu.ac.uk

Research Professor Faculty of Pharmacy at Near East University of Northern Cyprus
www.pt-int.com

Near East University of Northern Cyprus
www.neu.edu.tr

Università Degli Studi di PARMA Dipartimento Farmaceutico, Parma, Italy
www.unipr.it

MEDELPHARM PRODUCTS

SOLUTIONS FOR RESEARCH & DEVELOPMENT

STYLCAM
STYLONE CLASSIC
STYLONE EVOLUTION
ANALIS SOFTWARE

STYLCAM - ROTARY PRESS SIMULATOR

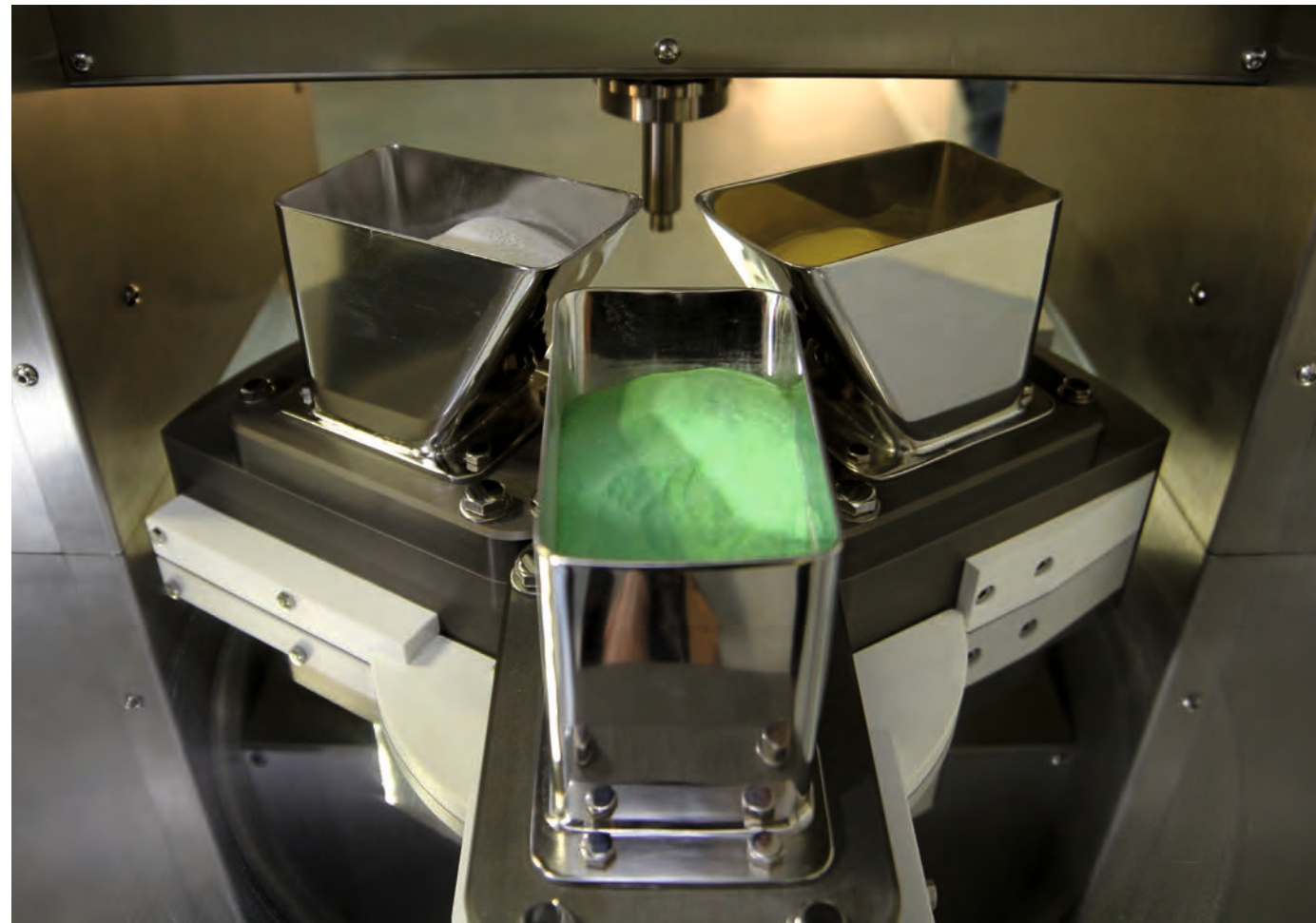
This first patent from MEDELPHARM opened up the road of mechanical rotary press Simulators.

STYLCAMS have been running for 15 years now on 3 continents and are famous for their robustness, repeatability & low follow-up cost even under heavy usage.

The STYLCAM is being replaced by newer generation and new patented technologies.



 **STYLONE CLASSIC - THE MOST COMPLETE, VERSATILE AND AFFORDABLE R&D PRESS**



Perfect for the characterization of raw material or formulations, the STYL'One Classic can explore automatically your research space as well as produce small Clinical batches.

This single-sided machine is fully instrumented and provides:

In-depth analysis of powder characteristics (saw tooth profile, extended dwell time, classic rotary compression profiles, pre-compression influence, strain rate). It can be operated by hand-feed or with a gravity-, forced or paddle feed shoe.

KEY SELLING POINTS

- Ease of use
- Flexibility
- Small footprint
- Easy to clean
- Investment protection
- Complete Software Package

 **STYLONE EVOLUTION - THE ONLY PRESS YOU WILL EVER NEED FROM EARLY FORMULATION CHARACTERIZATION OF API TO HIGH-SPEED MULTILAYERED FORMULATION SCALE-UP**

This versatile machine is built upon the flexibility and multilayer capacity of the classic STYL'One and the speed and simulation function of the STYLCAM.

Fully instrumented the STYL'One Evolution can explore the design space and analyze your formula with utmost efficiency. Easy to operate, this tablet press can simulate production rotary presses for speed up to 300 000 tablets/hour.

The software package included will analyze the tablets provided which are real prototypes of production, in a small scale, one tablet being the minimum.

With the STYL'One Evolution you will no longer have doubts about the quality of your industrial transposition. Its production package including weight regulation, is able to perform the manufacturing of clinical batches as true prototypes of final production batches. Stearate spray, tab-in-tab and multilayer, which can be acquired as option, round up this extensive package.



 **ANALIS SOFTWARE - A COMPLETE SUITE OF ANALYTICAL SOFTWARE PACKAGES FOR R&D AND PRODUCTION**

Each press from MEDELPHARM comes with a full data acquisition-, control- and analysis package, ANALIS, developed by our own engineers. The standard package can be extended with additional modules such as Multilayer, tab-in-tab, GMP production or Roller Compaction simulation.

SERVICES

Your solution for Optimal Tableting.

MEDELPHARM Services accompany you in formulation, powder analysis and characterization.

Our Laboratory, based in the heart of Lyon University, is in continuous contact with many universities world-wide, specialized in Pharmaceutical Technology, Pharmaceutics and Nutrition.

No matter if your questions are linked to existing formula with production issues, to the choice of tooling or excipients, to characterize powder or produce a small batch, we are at hand to accompany and support you with your exigent tasks. The expertise and professional skill of our experienced consultants is unique. Let yourself be convinced of their wide competence.

EXPERTISE

- Tableting/ Laboratory
- Formulation
- Consulting/ Training
- Mechanical/ Services

Training & Expertise Services for optimal tableting.

MEDELPHARM Services arose from the merger with OPTITAB, a company specialized in tableting, coating and consulting for tablet optimization.

The 2nd life of your tablet press.

With our history of passion for the mechanical precision industry MEDELPHARM has been successfully refurbishing and improving production presses from Courtoy, Fette, Kilian, Korsch, Manesty and others.

MEDELPHARM support personnel can also calibrate and verify your production presses.



OUR SERVICES RANGE FROM

- Powder Compaction
- Powder Flowability
- Powder Densities
- In-die-temperature control
- Trouble shooting
- Competence from theory to hands-on production floor



DISTRIBUTION

PROCESSING EQUIPMENT FROM LAB SCALE TO PRODUCTION.

MEDELPHARM's expertise accompany you during the whole production process. We offer you Best of Class processing equipment upstream and downstream from tableting.

OUR SOLUTION FOR PRODUCTION

includes dry granulation, milling, sifting, high-speed tableting, coating etc.

We also bring to your R&D laboratory unique solutions in THz spectroscopy, small-scale hot melt extrusion as well lab-scale process equipment.

- Advantest
- Fitzpatrick
- O'Hara
- Quadro
- Riva
- Romaco Kilian
- Xplore

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MEDELPHARM SAS
12, rue des Petites Combes
01700 Beynost – France
T +33 478 97 62 10 | F +33 478 88 18 65
contact@medelpharm.com
www.medelpharm.com