

Mi-Pro

**High Shear Mixer Granulator
Vacuum & Microwave Dryer**



HPFD™

High Performance Formulation Development

ProCepT_{n.v.}
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Smallest High Shear Mixer Granulator in the World (from 15 gr./batch) fully instrumented used for early stage formulation development and clinical experiments.

Technical Specifications of ProCepT "Mi-Pro"

- Used in Early stage formulation development / clinical experiments
- Different Processes : High Shear Mixing Granulation / Melt granulation – pelletisation / Vacuum Drying / Microwave Drying
- 5 different process vessels, for 15 to 900 gr./batch
- 3 different motor sizes for accurate Torque signal/batch size
- Glass process vessel for perfect process visibility (stainless optionally)
- Fully integrated and automated; all CPP (critical process parameters); mixer/chopper/liquid speed, torque, product temperature, ... in "real-time" and reported in an Excel doc.
- Modular design : from high shear granulator upgrade to melt processor / vacuum or microwave dryer
- Reliable and precise data; all CPP are qualified (IQ/OQ/SQ)
- Software 21CFRPart11
- Different dosing pumps; syringe / peristaltic / high pressure
- Liquid Spray nozzles: ultrasonic and bi-fluid
- Trolley for mobile operation
- Different containment solutions from flexible to fix isolator
- Scale-up between different vessels and to all types (bottom, side and top drives) of pilot and production machines
- Worldwide users list and Scientific articles by users; see www.procept.be



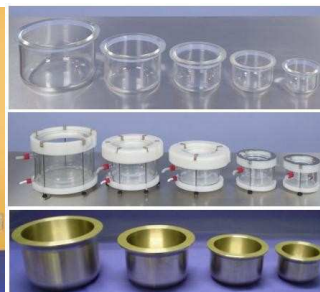
15 gr/batch



Ultrasonic or Bi-Fluid dosing



3 different motors



Glass or stainless



High Containment



High shear Granulation with
Vacuum Drying



High shear Granulation with
Vacuum + Microwave Drying

TRAINING & TEST CENTRE

ProCepT invites you to test your products, to solve process problems and to train scientists in processes s.a. drying, agglomeration, coating, In a theoretical and practical way



With ProCepT technology from API to COATED TABLET

ProCepT complete process technology range for

Spray Drying * Nutsche Filter Drying * Vacuum Drying * Microwave Drying * Fluid Bed Drying * Fluid Bed Granulation * Fluid Bed Coating * High Shear Granulation * Extrusion Spheronisation * Tablet Coating