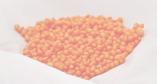
TAKE THE SPHERONIZATION CHALLENGE





Helping customers develop and manufacture pellets and extrudate for more than 50 years

TALK TO US +44 (0) 1258 471122 info@caleva.com www.caleva.com



THE CALEVA MULTI LAB FOR RESEARCH, TEACHING AND THE DEVELOPMENT OF PELLETS, EXTRUDATE AND MIXING OF SMALL SAMPLES

Granulator - Extruder - Spheronizer

ALL-IN-ONE

on the bench-top







Spheronizer

Extruder

Mixer / Granulator

- Work with up to 50g batch size save costly product and time with easy, fast cleaning
- For both Teaching and Research **flexible** multi use equipment
- Reduce the need for bench-top space and reduce the use of expensive or scarce product Are you **short of bench space**?
- Caleva **experience and support** work with the best in the business!
- The caleva CML is your most cost effective choice for pellet development in the laboratory

From powder to pellets in less than 30 minutes

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YOU TOO WILL HAVE CONFIDENCE THAT WE CAN BE YOUR PARTNER IN DEVELOPMENT AND PRODUCTION

OTHER LABORATORY EQUIPMENT FOR THE DEVELOPMENT OF PELLETS



Multi-bowl Spheronizer, use the correct bowl size for your batch

- O Unique ability to change bowl sizes to be appropriate for your batch size
- O Batches from 150 grams to 1.5 kg on the bench-top
- O Versatile to give flexibility and save you money





Variable Density Extruder, Extrudate with different densities

- O Control the density of the extruded product
- Increase the number of possibilities that you can investigate
- O Increase drug loading in a single dosage unit
- O A wide range of hole sizes and depths available



Bench-top screen Extruder 20 Use the right screen height for your batch size

- Different screen heights appropriate for different batch sizes
- Maximize productivity by easy screen change and clean
- O Drilled screen holes (not punched) for maximum extrudate repeatability
- A wide range of different screen hole sizes available

TEST YOUR PRODUCTS WITH US IN OUR TESTING LABORATORY WITH THE SPHERONIZATION CHALLENGE

DEVELOP FORMULATIONS FASTER WITH ADDITIONAL SPECIALIST LABORATORY EQUIPMENT FROM CALEVA



Mixer Torque Rheometer -3 (MTR-3) Quantify Wet Mass Consistency

- Reduce your formulation development time?
- Confirm that products from different suppliers behave in the same way in your formulations
- Monitor small samples taken from production batches from your granulator for quality control and scale up

With the MTR-3 you are able to quickly, and accurately characterize the consistency of your wet-mass

Still using the Hand Squeeze Test? Is this acceptable in the 21st century? Is it still the Best Way?



Mini Coater Dryer Tablet, pellet and capsule coating

- O Coat a few grams of pellets or as little as a single tablet or capsule
- O Tablet batches up to 150 grams
- O Pellet batches up to 60 grams

Designed for early stage development trials saving time and valuable or scarce product

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FLEXIBLE PRODUCTION EQUIPMENT FOR YOUR PROCESS

The Caleva Variable Density Twin Screw Extruder 70 (VD-TSE70) The Caleva Advanced Spheronizer 700 (Sph 700)



- Powerful production machine with superior design and build for your reliable production needs
- Production up to 150 kg per hour
- (V) Rapid turnaround for re-use
- "Variable Density" production on a commercial scale
- Ask us about the advanced features available with these machines

A flexible and modern Extrusion and Spheronization system for your production requirements

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LET US HELP YOU MAKE THE RIGHT EQUIPMENT CHOICES TO GET THE RESULTS YOU WANT

SOME OF THE COMPANIES THAT HAVE DEMONSTRATED THEIR TRUST IN CALEVA BY WORKING WITH US

























CYANAMID



















































We work world-wide with these industry sectors:-

Agriculture, Aquaculture, Biotechnology, Catalyst, Ceramics, Cosmetics, Detergents, Food, Neutraceuticals, Pharmaceuticals



ISO 9001:2015 Cert. No. 1503 TEST YOUR PRODUCTS WITH US IN OUR LABORATORY WITH THE SPHERONIZATION CHALLENGE