

TECHNICAL SPECIFICATION

MULTI BOWL SPHERONIZATION KIT



caleva
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EXTRUDER 20 SCREEN EXTRUDER

The bench-top Caleva Extruder 20 is a low pressure screen extruder, ideal when dealing with softer materials that are sensitive to heat during processing. Its low pressure screen extrusion system is designed for easy scale up to a cost effective full scale production system



- ✓ Full, and Half Height Screens Available
- ✓ Fully GLP/GMP Compliant
- ✓ Rapid Turnaround Between Experiments
- ✓ Batch Sizes Suitable for Multi Bowl Spheronizer

Output range: Batches suitable for the Multi Bowl Spheronizer (MBS) can be completed in a few minutes

Size: Approximately 470w x 420h x 470d mm

Weight: Approximately 23 Kg

Cabinet: Brushed type 304 stainless steel

Product Contact: 316 stainless steel
FDA food approved plastics

Extrusion Screen: 150 mm diameter

Full Height: 65 mm high (total), 46 mm open (screen)

Reduced height: 35 mm high (total), 18 mm open (screen)

Screen holes: Supplied with 1mm diameter as standard
Screens with 0.5mm to 2mm holes and 2mm depths also available

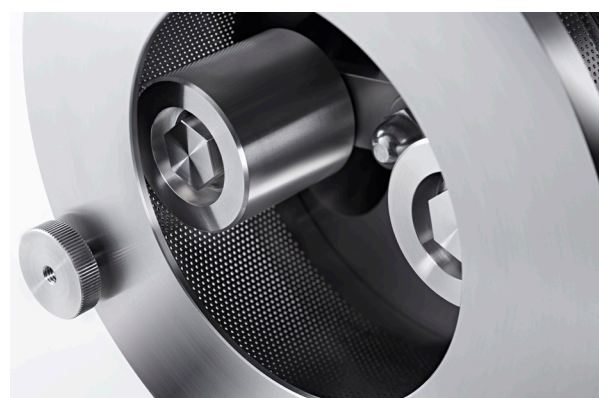
Screw speed: 15 to 35 rpm (operator controlled)

Product feed: Manual with loading tray

Product output: To the supplied removable tray

Motor power: 180 W AC motor

Electrical supply: 110/120 or 220/240 Volts AC (Voltage to be selected at time of order)



MULTI BOWL SPHERONIZER 250/120

Interchangeable bowls on the Caleva Multi Bowl Spheronizer allows you to process different batch sizes of pellets and understand your scale up potential. If your batch size requirements change in the future you have more flexibility, save money and maximise your development effectiveness.



- ✓ Flexible Batch Size Spheronization
- ✓ Understand Your Formulation Scale Up
- ✓ Batch Sizes Between 150g to 1kg
- ✓ 4 Different Sized Compatible Bowls

Batch size capacity guide: 250 mm diameter bowl - 150g to 1kg

120 mm diameter bowl - 15g to 150g

Inserts for use in the spheronizer 120 bowl to take

discs sizes of either \varnothing 60mm (from 1g) or \varnothing 85mm (5-15g)

Size: Approximately 500w x 300h x 520d mm

Weight: Approximately 45 Kg

Cabinet: Brushed type 304 stainless steel

Product Contact: 316 stainless steel and polycarbonate

Standard disc: One 3 mm x 3 mm cross hatch pattern spheronizer disc supplied as standard.

Other disc patterns available as required

Product feed: Manual through easy load funnel

Product discharge: Manually operated discharge door

Safety: Fully safety interlocked

Water Jacket: Fitted as standard

Automatic run timer: Fitted as standard

Fines air control: Fitted as standard

Non stick coating: Optional for use with sticky products

Motor power: 220 W AC motor

Electrical supply: 110/220VAC, 50-60 Hz, 1 phase voltage to be selected at time of order



Certificate Number: 1503





caleva



+44 (0) 1258 471122

info@caleva.com

www.caleva.com



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