

TECHNICAL SPECIFICATION

CALEVA MULTI LAB CLASSIC (MLC)



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Enhance your wet granulation formulation development with the new bench-top mixer, extruder, and spheronizer from Caleva.

Featuring digital touchscreen operation with an intuitive user interface, the Multi Lab Classic delivers a smarter, faster all-in-one solution for your laboratory or teaching facility.



- ✓ Simple Touchscreen Interface
- ✓ Small Batch Size
- ✓ Quick-Release Attachments
- ✓ Rapid Experiment Turnaround
- ✓ Timer & Stopwatch Functionality
- ✓ Upgradeable to the Multi Lab Scientific

Standard Product Configuration (Software – MLC1.01):

- 230v 50/60Hz – Part Number: MLX-2SBXU
- 110v 50/60Hz – Part Number: MLX-1SBXU

Electrical Supply: 1ph 230V or 110V

Connectivity: 2 x USB3, 2 x USB2 (if fitted and enabled)

Base Machine Mass: 34kg

Base Machine Dimensions: 505 (W) x 600 (D) x 420 (H) mm



Certificate Number: 1503



Mixer Attachment



Processing capacity: 15 to 40g / 30 to 80ml (formulation and bowl dependent).

Blade rotation speed: Primary Blade 10 to 250 RPM

Mixer Bowl: Intermeshing counter rotating blades for high shear applications. Other bowl options include half bowl for scarce materials, sigma bowl for higher viscosity materials and water jacketed options.

Extruder Attachment



Processing capacity: 10 to 80g (formulation dependent).

Screw speed: 90 to 150 RPM

Die plate: One Ø1mm x 1mm supplied as standard.

Other die options available: Ø0.5mm to Ø3.0mm holes including lobed profiles and a range of die depths.

Spheronizer Attachment



Processing capacity: 10 to 80g (formulation dependent).

Disc Speed: 500 to 4500 RPM

Spheronization Disc: One 3x3mm crosshatch serration disc supplied as standard.

Other disc patterns are available.

