

SAVE TIME AND REDUCE COSTS IN YOUR COATING TRIALS

With Caleva's
small scale tablet
and pellet coater

**The Mini Coater
Classic (MCC)**



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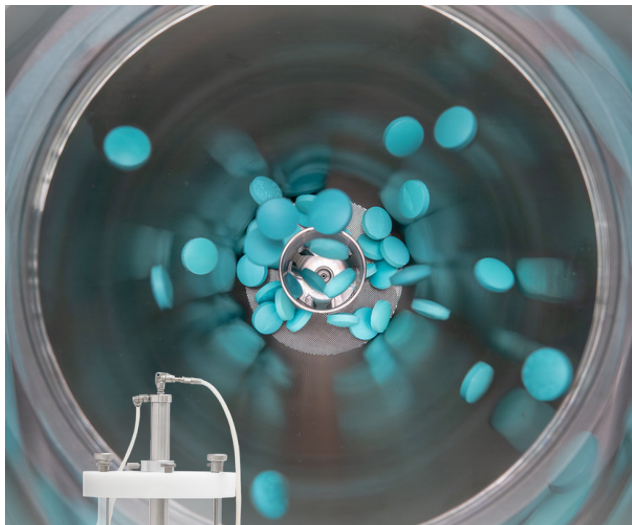
MINI COATER CLASSIC (MCC)

Faster setup, faster cleaning, faster results,
small batch sizes

About the Mini Coater Classic (MCC)

In formulation development, **time and materials** are the most valuable resources. Every wasted minute spent on setup, cleaning, or troubleshooting delays projects and increases costs. Every unsuccessful batch adds further costs in wasted materials and disposal costs.

The Mini Coater Classic (MCC) is designed to **eliminate waste**. With quick setup, small batch capabilities, top and bottom spray options, and easy cleaning, the MCC allows you to complete **more trials in less time**, accelerating development projects and reducing costs.



Coating Capabilities:

- Optional top or bottom spray heads, or both with one base unit
- Complete coating trials in just 15-30 minutes
- Use as little as 20 ml of coating solution
- Coat from a single tablet or just a few grams of pellets
- Pellets as small as 400µm
- Medical implants (injectables)
- Scalable process from development to larger batches

The MCC makes it possible to run trials with minimal product and coating solution, reducing material waste and batch preparation time. This flexibility supports both small-scale studies, process optimisation and supports scale up.



PHARMACEUTICAL



NUTRACEUTICAL



FOOD



EDUCATION



CHEMICAL



AQUACULTURE

Ready to Coat in Under 5 Minutes

- ✓ Start your coating trial in under 5 minutes with easy equipment setup
- ✓ Built in pump priming function for rapid start-up
- ✓ Simple slider controls for all coating parameters

Many machines require long assembly processes and preparation before you can begin your experiment.

With the MCC, you get to **focus on your product instead of complex equipment preparation.**



Achieve meaningful results in less time, with less materials



Reach Target Weight in Just 15 - 30 Minutes*

- ✓ Fine-tune your process with full control of **airflow, air temperature, atomizing pressure, and pump speed**
- ✓ Easily remove, weigh, and replace your product to check the weight gain with **minimal downtime**
- ✓ **Avoid waste by spotting defects** in real time through the borosilicate glass chamber
- ✓ **Scale up with confidence sooner** as the bottom spray attachment replicates production environments

Cleaning Takes Just a Few Minutes

Other coating equipment can take a whole team of technicians an **hour or more** to clean, **not including assembly and disassembly time.**

The MCC combats this problem with it's easy cleaning procedure.

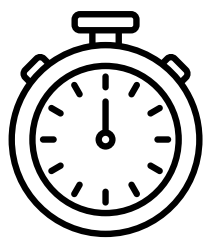
- ✓ Disassemble, clean, and reassemble in **5-10 minutes****
- ✓ Tool-less setup and dissassembly
- ✓ Single person operation

*Coating requirement and material dependent

**Depending on your coating material and disposal requirements



Complete up to 10 Coating Trials per Day



This timeline shows an example coating cycle with the MCC

Power On

00:00:00

The Mini Coater Classic takes 1 minute to power on and is ready for use.

Assemble the Spray Chamber

00:05:00

Tool-less assembly by a single operator. During this phase you can add your products to be coated, this step takes 2 minutes to complete.

Prime the Pump

00:10:00

00:15:00

With a built in pump prime function the top spray lance or bottom spray head is ready to use in under 10 seconds.

Coat Your Products

00:20:00

00:25:00

Coating time can differ based on multiple variables. The MCC provides precise control over each coating parameter, including airflow, air temperature, atomizing air pressure, spray lance height, and pump speed. **Achieve a 3% weight gain in as little as 15-30 minutes** depending on your materials and process parameters.

Remove Your Products

00:30:00

Unscrew the spray chamber and loosen the clamp to access your products quickly and easily.

Disassemble and Clean

00:35:00

00:40:00

Ready for Your Next Trial

00:45:00

In just 45 minutes, you could complete your first trial, clean the machine, and be ready to start again, or scale up to larger batches.

Across an 8 hour workday, you could complete up to 10 trials depending on your formulation.

Boost your ROI with Caleva Lab-Scale Equipment

Small Batch, Big Savings

With analytical testing often requiring as few as 20 - 30 tablets, traditional coaters are wasting your time and money. **Do more with less with Caleva's Mini Coater Classic.**

Designed for small batches, fast trials, and minimal material use, the Mini Coater Classic helps your lab **save time, reduce costs, and increase productivity** - all with a single operator.

MCC	Other Equipment
	
\$5,000± Per Week	\$10,000+ Per Week +Additional Disposal Costs
 1 Tablet Minimum Batch Size	 100+ Tablets Minimum Batch Size
 1,000± Tablets Required Per Week	 2,000+ Tablets Required Per Week
 Single Operator Manual Labour	 Team Needed Manual Labour
 50 Trials/week	 20 Trials/week
\$5,000 Weekly Saving!	



Book your free 1-on-1 online demonstration with a Caleva specialist, visit caleva.com/demo



+44 (0) 1258 471122

info@caleva.com

www.caleva.com