



**Hermetic, modular and enlargeable units
for automatic dosing of micro ingredients
in powder and granular form for recipes.
The DMM-Lite series of dosers are ideal
for more artisanal production of 10 batches/hour.**



Microingredients dosing unit

DMM-LITE Series

The benefits of our solutions



CONSTANT UPDATING

Over 30 years of experience encourage us to continue evolving. We are committed to highly qualified human capital and continuous training.



PIONEERING SYSTEMS

We are passionate about technology. Applying a 4.0 factory vision in an IOT and BIG Data environment to achieve the most intelligent and competitive systems.



COST REDUCTION

We strive to make your life easier. Optimizing production processes to same expenses and increase competitiveness. Always working in a personalised manner. Each case is a world in itself.

Our values



PROXIMITY AND EMPATHY

Understanding the clients' needs and concerns enables us to develop the best project for their needs.



PASSION AND ENGAGEMENT

We enjoy the challenges posed by each project and are committed to offer the best solution.



CREATIVITY AND INNOVATION

We imagine, create and develop the most innovative solutions because this is our passion.

Exporting all over the world



Advantages

1. Cost savings

The precision of the POWDER DS micro ingredient dosing unit allows you to optimise resources, resulting in considerable raw materials cost saving.

The DMM-LITE equipment speeds up the process and allows workers to do other tasks.

3. Automation of recipes

The automated management system of the DMM-Lite equipment enables recipes and dosing cycles to be recorded. Using a touch-screen, the operator can manage the recipe to be used. It also allows the history, traceability and alarms to be controlled, as well as having a remote control system and connection to a computer.

2. Modular and compact design

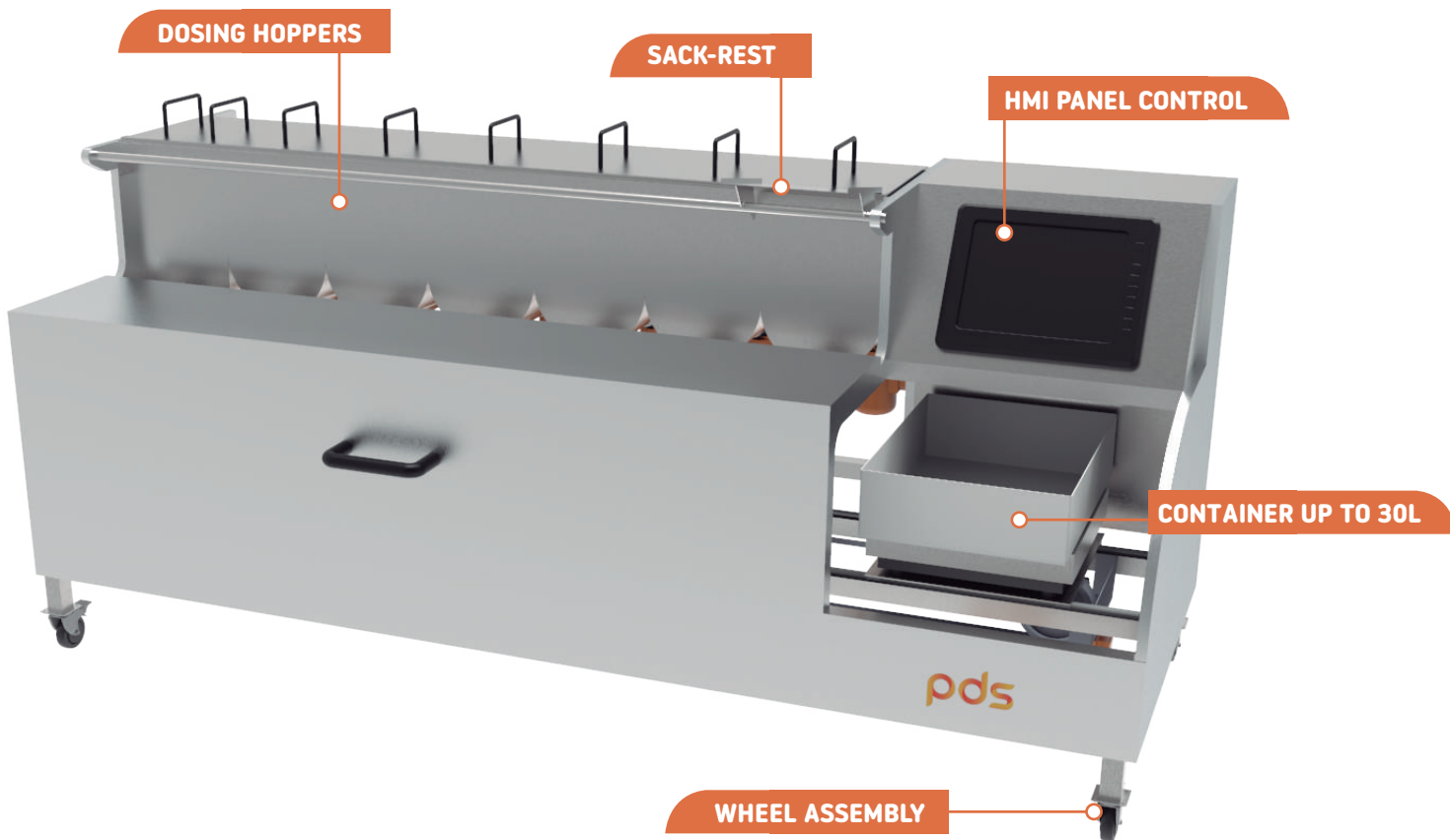
The modular design of the POWDER DOSING SYSTEMS micro ingredient dosing unit means it can be adapted to the client's needs, regarding both the number of ingredients to be dosed (2 - 10), as well as the capacity of the hoppers.

Its ergonomic design results in easy dismantling for cleaning and maintenance.

Being compact and mobile enables it to be easily stored and moved in the installations where it is located.

4. Increased quality of the final product

The precision dosing of the DMM-Lite, $\leq 2\text{gr}$ per ingredient, results in increased quality of the final product. Additionally, automation of the recipes means stable and constant quality in each batch.



Accessories



Dust extractor



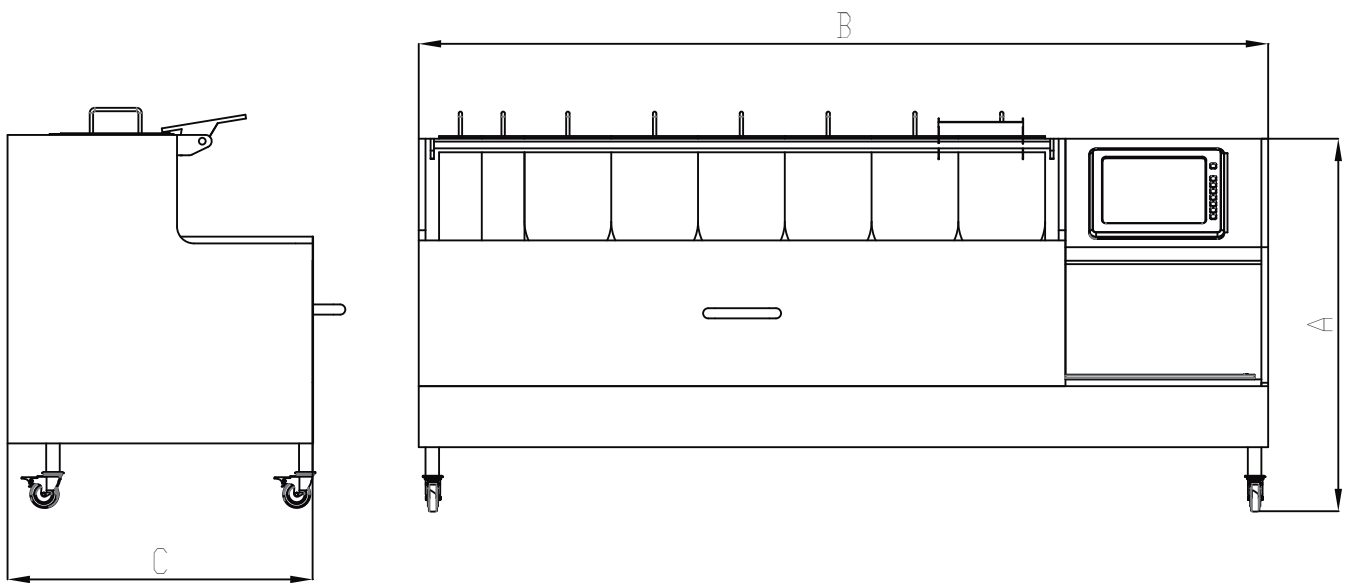
Containers

Operation

DMM-Lite series POWDER DS equipment enables the dosing of micro and small ingredients for recipes. This equipment is ideal for artisans who produce 10 batches/hour (1 batch is compounded by 10 components of 1 kg each)

All POWDER DOSING SYSTEMS equipment is manufactured with top quality materials and components, certified for food processing (AISI 304 or AISI 316 stainless steel) and electronic components made by leading brands.

Technical Specifications



DMM8-LITE Standard 8-Microingredients-LITE Dosing Unit

Model	A	B	C	Hoppers capacity	Precision	Installed elec. power
DMM8-LITE	1100	2500	900	2 x 12L 6 x 25L	≤ 2 gr *	6 kW

Dimensions in mm

**per component*

Outlet options

Other solutions to consider



Formulation

The recipes are protected by different levels of password security and can be entered directly on the screen or via a computer network connection. Traceability and alarms can be easily managed and a remote control system can be incorporated as an option.

Features

The equipment is designed for artisans to produce 3-6 batches/hour.

The unit is expandable up to 10 dosing units.

The standard dosing units are 2x12L and 6x25L and are expandable on demand.

They are equipped with an agitator/mixer to avoid caking.

The dosing system is by means of a dosing screw.

It can operate in manual and automatic mode.

Standard products that the equipment doses:

- Sugar
- Salt
- Flour
- Milk powder
- Additives
- Preservatives
- Powdered eggs
- Milk proteins
- Stabilisers

Loading is in manual mode.

The final recipe is extracted in manual mode.

Materials	
Parts in contact with the product	AISI 316
Other materiales	Aluminium, AISI 314
Gaskets	FDA
Internal finish (standard)	Mirror Polish
External finish (standard)	Matte Polish

Optional other materials



Synoptic overview of a formula





User-friendly display

Synoptic dosage of a component





 Ctra. Molins de Rei, 21-23
08205 Sabadell, Barcelona

 (+34) 93 727 71 45

 info@powderds.com

[**www.powderds.com**](http://www.powderds.com)

