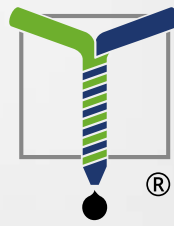


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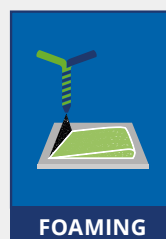
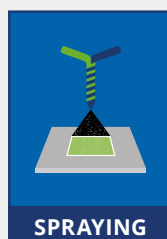
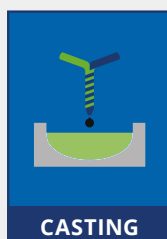


MDM SERIES

THE COMPACT SOLUTION

Entry-level models for processing small quantities of liquid synthetic resins made of polyurethane, epoxy or silicone.

Output from 0.05 l/min up to 6.5 l/min*



*depends on viscosity, mixing ratio and hose length

MDM

COMPACT DOSING SYSTEM FOR LIQUID COMPONENTS

POSSIBLE APPLICATIONS

- ▶ Medical Technology
- ▶ Prototype part manufacturing
- ▶ Electro-potting
- ▶ Adhesive processing
- ▶ Laboratory use
- ▶ Spray applications
- ▶ Foam processing
- ▶ Small quantity dispensing



Design example of an MDM 5 with stepless adjustable mixing ratio and 5 l tanks



Design example of a MDM 4 with 0.6 l plastic containers



Largest version of the MDM series: the MDM *plus* with up to 6.5 l/min output

If you are looking for a compact dosing and mixing system for a maximum of 2 flowable components, you should take a closer look at the MDM series. With this range of systems, outputs of 0.05 l/min up to 6.5 l/min can be achieved.

The MDM is characterized by high mixing ratio accuracy, ease of maintenance and the easy, functional operation via the Siemens LOGO control (from MDM 5) or a control via touch panel (Simatic S7) with the MDM plus.

The basic equipment includes plastic containers which are filled manually and are not pressurized with compressed air. Alternatively, the material can also be supplied via stainless steel containers or higher positioned containers. The dosing is done by means of high-precision gear pumps. Possible settings of the mixing ratio depend on the selected machine equipment.

Information about possible components and configurations can be obtained from our sales team.

TECHNICAL DATA

Components	1 or 2 components
Viscosity	1 – approx. 30.000 mPas
Mixing ratio	Manual adjustment depending on machine version
Output	0.05 to 6.5 l/min
Control	<ul style="list-style-type: none">▶ Siemens LOGO (from MDM 5)▶ Siemens S7 touch panel (MDM plus)
Tanks	Various tank sizes from 0.6 l to 60 l available
Available options	<ul style="list-style-type: none">▶ Heating (with agitator)▶ Material feed from supplier containers▶ Deaerating/evacuating material▶ Volume flow meter▶ Stationary or mobile, powder-coated steel frame▶ different hose lengths▶ Static mixer or rotating (dynamic) disposable plastic mixer (from MDM 4)



Get some more information about the MDM series here:

www.tartler.com/en/products/mdm-series

TARTLER



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