

MicroDispenser MD

Gravimetric dispensing machine for small quantities with an extremely high accuracy

TYPICAL FEATURES

- 2 models available: MD-12 and MD-36.
- Up to 36 exchangeable stainless steel tanks 1½, 3½ and 5 ltr.
- Available with mixers and heating up to 160 °C.
- Extremely high accuracy with reproducible drops of 2-3 mg.



- Automatic valve cleaning after each dispense.
- Suitable for both water- and solvent borne products.
- Dispensing by means of overpressure.
- Suitable for integration into an automatic lab system.



STANDARD SET-UP

- 1.2 kg. electronic weighing scale.
- Embedded PC/PLC + dispensing software.
- Automatic turnable positioning for component selection.
- Valve cleaning device.



OPTIONAL SET-UP

- Interface with a color computer.
- Connection to an ERP system.
- Agitation to prevent sedimentation.
- Dispensing of different product groups each using a separate database.
- Different scale capacity upon request.
- Heatable tanks up to 160 °C.



TECHNICAL SPECIFICATIONS

Dimensions MD-36 :	Approx. 1.800 x 1.500 x 1.700 mm. (HxWxD).
Materials of construction :	All wetted parts made of stainless steel.
Number of tanks :	MD-36 up to 36 tanks of 1½, 3½ or 5 ltr. MD-12 up to 12 tanks of 1½, 3½ or 5 ltr.
Method of dispensing :	Gravimetric.
Weighing scale readability :	0,001 gr. (1 mg.).
Dispensing valves :	DN 0,5 mm / DN 1 mm (larger valve sizes upon request).
Air pressure :	6 - 8 bar.
Power supply :	Depending on final execution.
Operation :	Embedded PC/PLC (Windows based).