

MDS 12 Balance

Advanced all-round gravimetric dosing unit equipped with accurate loss-in-weight dosing software.



— Specifications



Produce more consistently



Reduce waste and save costs



Wide capacity range of 0,07 - 180 kg/h



Industry 4.0 compatible

Capacity

Wide throughput range of 0,07 up to 180 kg/h

Accuracy

Up to 0,02%
With automatic material calibration

Process

Injection molding
Extrusion
Blow molding
Compounding

Configuration

Configurable with a 6, 12 or 15L hopper
Hopper loaders
Multiple augers and dosing cylinders
High or low torque motor
Part of the Movacolor modular dosing concept

Communication

Modbus TCP/IP, Profibus*, Profinet*, OPC/UA*
Integrated hopper loader control
Alarm, Warning, Run
2x0-10 VDC or 4-20 mA
Potential free, 24VDC or extruder tachometer (0-30VDC)

Operation

8" full colour touch screen controller
Internal memory for static changes
Logging software for dynamic changes
Store up to 1000 recipes
Multilingual
60 seconds material change

Power

Supply: 95-250 VAC, 50/60 Hz
By integrated automatic voltage selector
Consumption: 150 Watt maximum

Materials

Masterbatch
Regrind
Free-flowing powder

Design

Modular
Intuitive design
Stainless steel
Also available in clean-room and high-temperature edition
With easy-drain system
Engineered and assembled in The Netherlands

*Go to movacolor.com/disclaimer to view the disclaimer

The information on this leaflet may be subject to technical changes, printing errors, and mistakes. Movacolor reserves the right to make product changes without prior notice.



Scan the QR code to find out more!