

# MDS 6 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

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