

LABOTEK

Gravimetric dosing MCBalance



 **Labotek**
Power in Plastics

Gravimetric MCBalance

Precision dosing pays

Golden combinations are rare but the MCBalance is one such example. The dosing unit delivers exactly the results you want thanks to the combination of gravimetric technology, the dosing cylinder and the stepper motor. The MCBalance gives you control over your color use and, as such, your costs. The modular system was developed based on extensive experience and the demands of CEOs, production managers and production workers across the globe ± and has all the advantages.

Of course, you have to experience it to believe it. Get in touch with one of our representatives and order a test unit. Your test experience will prove that dosing can only get better.

Reliable from start to finish

Numbers count and that is exactly what the MCBalance does. The 100% gravimetric system continually calibrates the dosages and adjusts itself automatically. Whether it is a new material or a change in the density of the dosing additive, the MCBalance monitors, weighs and adjusts.

Extremely accurate dosing

The dosing cylinder releases the colour in a steady flow. The stepper motor ensures maximum control with no stoppages and no pulsating. There is no other method in the world as accurate as this.

User-friendly

Anyone can operate the MCBalance. What's more, the MCLAN system enables you to monitor all your MCBalance units from one computer. Colors can be

changed in less than 60 seconds and the system is robust and easy to clean.

Earn back the costs of your MCBalance in less than 1 year

With the MCBalance our clients use less masterbatch and increase the quality of their end product. A payback period of six to nine months is therefore not unusual.

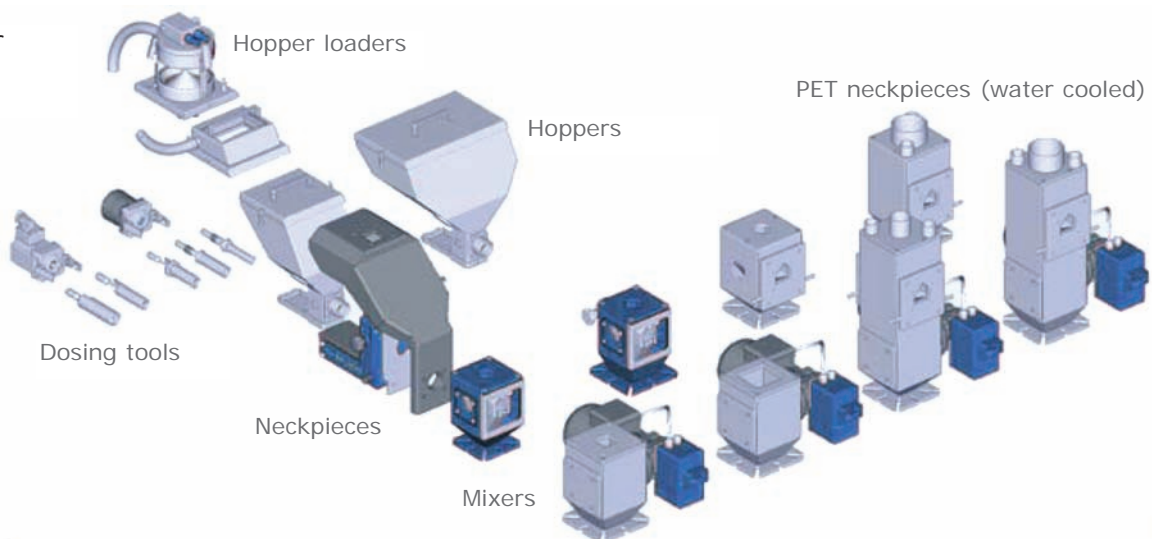
MCBalance Technical Specifications

Power supply:	80 - 260 Vac, 50 and 60 Hz by integrated automatic voltage selector
Power consumption:	80 Watt maximum
Language:	English, German, Spanish, French, Polish, Italian *
Operation:	Menu guided control
Input signals:	Potential free-, 24 Vdc-, or extruder tacho (0-30 Vdc) start input
Output signals:	Alarm, Warning, Solenoid valve for automatic hopper loader
Output ranges:	0.07-180 kg/h **
Application:	Injection molding machines (also for PET production), Extruders and Blow molding machines
+ Communication:	TCP/IP, Modbus and CANbus
+ Data storage:	Internal memory (static changes), MC-LAN data logging software (dynamic changes)

*) Other languages on request

***) Measured with normal granular masterbatch 0.8 kg/dm³

Modular System



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