

COLORING THE WORLD

Mastering the materials

Movacolor systems easily dose materials of all kinds. These include even the most troublesome additives, in the most difficult production environments, in extremely low and high outputs. Our modular systems enable you to precisely dose as many as 15 components simultaneously.

Tailor-made dosing systems

As specialists, we have clear insight into plastic-producing companies' needs and issues in terms of injection molding and extrusion. These are always the departure point for our innovation efforts. Movacolor's dosing systems are tailor-made for each customer, using the modular components that perfectly match their business needs. An extensive network of specialized distributors is available worldwide to provide local service and support.

Innovative technology

The combination of our dosing cylinder® and patented gravimetric measuring technology give you unprecedented control over the dosing process. Our modular products make it easy to expand from simple to complex dosing systems - all managed by a single, easy-to-use control panel. A control system that can also easily be integrated into your company's IT system.

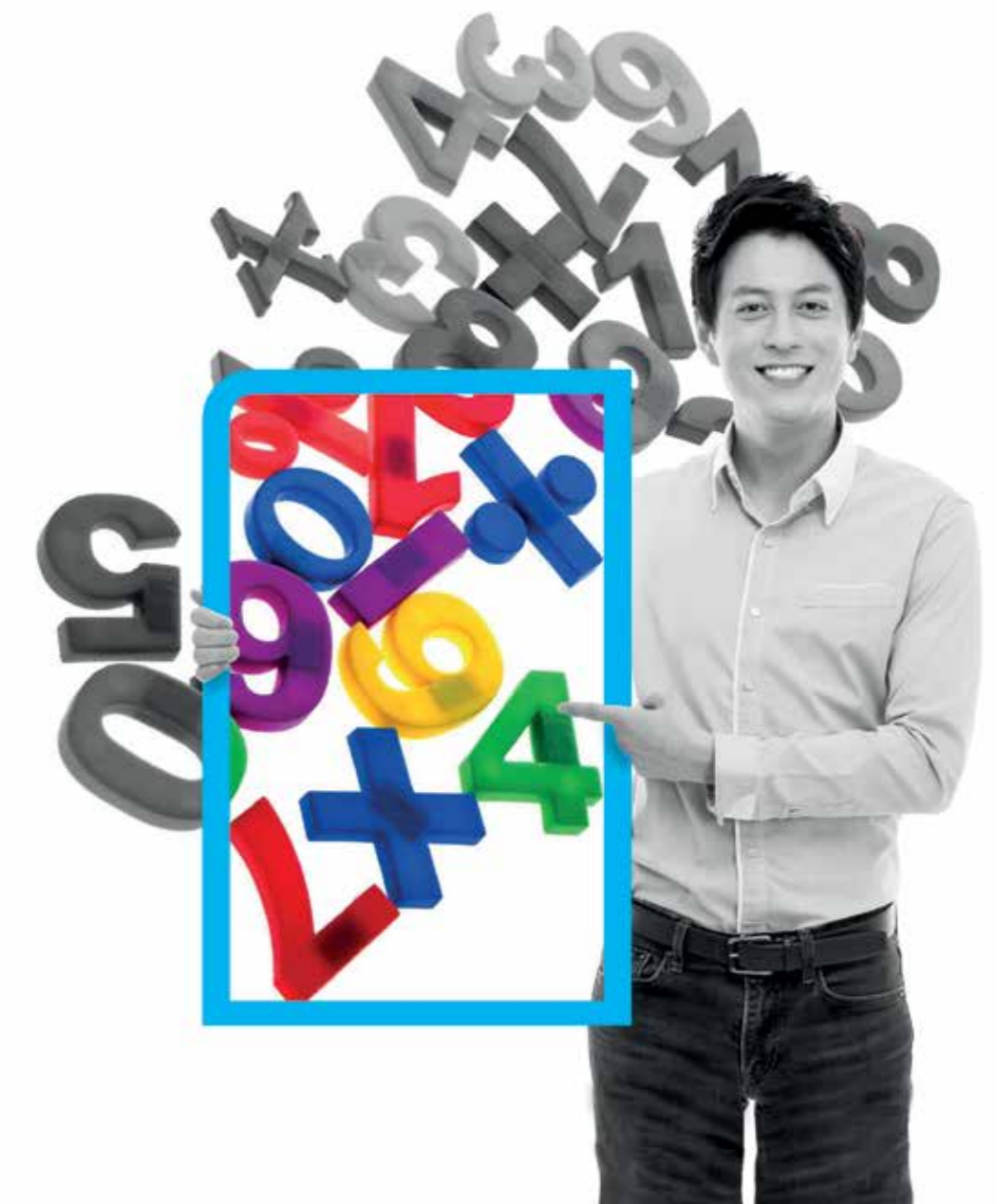


MOVACOLOR

For almost three decades, Movacolor has been dedicated to coloring the world in a sustainable way. We do so by developing high-precision gravimetric and volumetric dosing systems. Our knowledge, experience and innovation capabilities are invested in a comprehensive portfolio of user-friendly products. These work easily and effortlessly together in advanced systems that conserve additives, increase production flexibility and deliver excellent results.

Mapping the world of dosing

MOVACOLOR PRODUCT PLAN



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MOVACOLOR

GRAVIMETRIC DOSING

Full gravimetric control and ease of use

MCHybrid 30



The best of dosing and blending in one system

- Capacity up to 350 kg/h
- Ultra compact
- Works with granulates, regrinds, liquids and (non-)free flowing powders

MCTwin



The optimum way to handle regrind

- Capacity 0.07-180 kg/h
- Dynamic reusing of rejects and sprues
- Dosing regrind and masterbatch simultaneously

MCBalance



Gravimetric high precision dosing*

- Capacity 0.07-180 kg/h
- Saves up to 50% on additives
- Continuous loss-in-weight measuring

* Also for clean room and high temperature applications

MCPowder



Trouble free dosing of non-free-flowing powders

- Capacity 0.1-40 kg/h
- Agitator avoiding material clogging or rat holing
- Double spiral/auger design and agitator

MCContinuous Blender



Unique modular in-line blender system

- Capacity up to 2,000 kg/h
- Up to 15 components, from granulates to powders to liquids
- Multiple continuous blenders, one controller

MCLine Control



Fully integrated yield control for extrusion lines

- Full control of extrusion lines
- Manual and automatic operation mode
- Ramp up / ramp down control

MCWeight



Self-regulating material measuring system for extruders

- Capacity from 50 kg/h up to 1,200 kg/h
- Measures extruders actual feed capacity
- Prevents overdosing

MCLiquid



Reliable and spill free liquid dosing

- Capacity 0.01-13 ml/sec
- Auto corrects for viscosity changes
- Ideal for aggressive fluids

MCHigh Output



Accurate dosing of high capacities

- Capacity from 50 kg/h up to 1,200 kg/h
- Also for flakes and hot materials up to 180°C
- Continuously weighing for high precision

MATERIAL

Mastering the materials

POWDER

REGRIND

MASTERBATCH

PRODUCT PLAN

VIRGIN MATERIAL

LIQUID

OPTIONAL

Adding extra features to your dosing systems

MCSmart



Continuous data logging software

- Works with all gravimetric dosing units
- For monitoring, quality control and material management
- Reporting function for generating material consumption reports
- Material and recipe management

Mixers



High quality mixers

- 100% stainless steel
- Optimum mixing for wide variety of materials
- Easy to clean

Hopper loaders



Quick and easy automatic filling systems

- For masterbatch, regrind, free-flowing powders
- Compressed air or motor driven
- Ensures a continuous production process

VOLUMETRIC DOSING

Accurate volumetric dosing of additives

MC12



The entrance model

- Capacity 0.07-72 kg/h
- Manual adjustment of metering speed and time
- Keypad operated

MC30



With automatic material calibration function

- Capacity 0.07-180 kg/h
- Recipes storage function
- Menu guided control and graphic LCD display

MC18



Extra functions for extrusion

- Capacity 0.07-180 kg/h
- Auto synchronization to extruder speed
- Integrated hopper loader control

MCMicro



Ultra compact dosing unit

- Capacity 0.01-1.0 g/sec
- Suitable for small injection molding machines
- Also available with hopper loader

MCLiquid V



Volumetric dosing of liquids

- Capacity 0.01-13 ml/sec
- Peristaltic and mono pump
- Accurate dosing using 4-roller pump heads

MCHigh Output V



Volumetric dosing of high capacities

- Capacity from 50 kg/h up to 1,000 kg/h
- Robust design
- Manual operating

MCPowder V



Ease of use in dosing powder

- Capacity 0.1-40 kg/h
- Ideal for non-free-flowing powders
- Modular system for easy upgrading