



## MCLiquid

Reliable and spill free liquid dosing

Coloring with liquid can be a challenging operation. It all depends on reliable dosing, often at extreme low dosage rates. Variation in viscosity of liquids and spill-free handling are the main issues.

Movacolor has developed a modular liquid dosing system with one universal motor unit, two pump types and several spill-free packaging concepts. This offers you the possibility of composing your optimum configuration:

- Gravimetric with peristaltic pump: easy color change and maximum control.
- Gravimetric with mono pump: ideal for long runs with one color and maximum control.

Both systems are also available in a volumetric configuration.

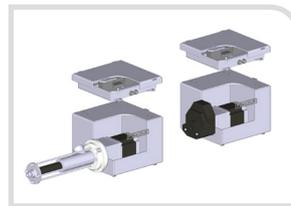
To complete the package we supply in-line mixers and special nozzle adapters for easy installation and easy cleaning.

Your total liquid dosing concept.



### Features

- 100% traceability by gravimetric control
- 8" full color touch screen
- Automatic material calibration
- Recipes storage function
- Free choice of pump type and packaging concept
- Total integrated solution including mixers and neckpieces



### Reliability and traceability

The advanced gravimetric technology takes away the pre-calibration time and gives you 100% control of the dosed quantities, 24 hours a day.



### User-friendly

The dosing unit is very user-friendly thanks to the design. The touch screen is full color and easy to use.



### Total liquid dosing concept

The modular design offers quick and easy color change. The packaging concept guarantees spill-free handling. The gravimetric MCLiquid can be integrated with our gravimetric solid dosing or our MCContinuous Blender system.

## MOVACOLOR LEADING INNOVATOR IN DOSING TECHNOLOGY

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.

## MCLiquid

### Technical specifications

#### CAPACITY

0.01-13 ml/sec\* (0.04-35 l/h)

#### APPLICATIONS

Injection molding and extrusion

#### COMMUNICATION

Modbus TCP/IP, Profibus\*\*, Profinet\*\*

#### DATA STORAGE

Internal memory (static changes), MCSmart data logging software (dynamic changes), 1,000 recipes storage function

#### POWER SUPPLY

95-250 VAC, 50/60 Hz. By integrated automatic voltage selector

#### POWER CONSUMPTION

150 Watt maximum

#### LANGUAGES

English, German, Dutch, French, Hebrew, Turkish, Chinese, Thai, Japanese, Russian, Italian, Czech, Portuguese, Spanish, Indonesian, Polish, Korean, Hungarian, Swedish, Romanian\*\*\*

#### OPERATION

8" full color touch screen display

#### INPUT SIGNALS

Start input: potential free, 24 VDC or extruder tachometer (0-30 VDC)

#### OUTPUT SIGNALS

Alarm, warning, run, valve (for hopper loader control), 2x0-10 VDC\*\* or 4-20 mA\*\*

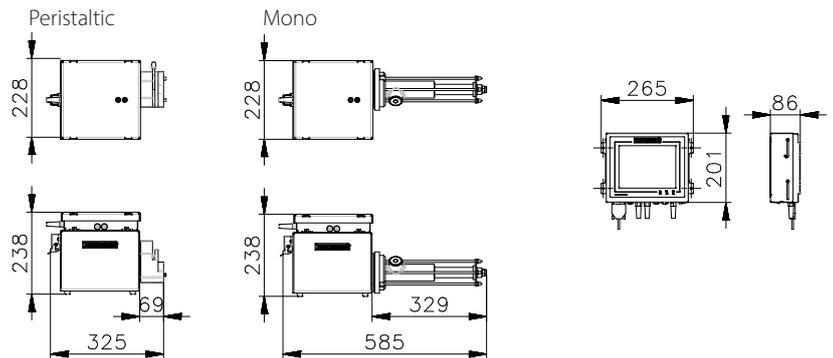
\* depending on pump type

\*\* optional

\*\*\* additional languages on request



#### Dimensions pump types



#### Dimensions liquid trolley

