

Paint and ink mixers, type series RM 5 \*\*\* for laboratory and production area are designed for mixing paints and varnishes for the automotive industry as well as inks for the printing industry.

They meet all requirements on state-of-the-art mixing technology in closed containers for Newtonian and thixotropic substances, for instance

- Printing inks (offset, flexo)
- Paints
- Varnishes
- Stains
- Protective agents for buildings
- Inks
- Adhesives
- and for testing the fineness-of-grind and dispersion properties of pigments and granulates.

Additional applications: Deburring, impact testing, etc.

- Future-orientated engineering
- Extremely reliable and safe
- Ergonomic operation and shortest mixing times
- Minimum maintenance effort

are factors that make these mixers exceptional.

Mixing devices in a variety of sizes are available for container capacities of between 0.25 and 30.08 litres.

Further options include mixers with automatic workpiece clamping and manual workpiece clamping, which are available as a table-top or as a stand-alone device.

One of the special features is the safety device for the workpiece clamping unit. This safety device prevents damage to containers that have not been properly fixed in place.

The mixing times are pre-selected on digital or electronic timers, depending on the selected variant. The mixing times used in practice vary between 1.5 and 15 minutes.

All paint mixers can be supplied in an EX version (air-driven) in compliance with ATEX directives.

In addition to basic machines, we also supply automatic devices with SPC technology. The customer can also incorporate paint mixers into various filling lines.

The following variants are available

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| Model                                      | <a href="#">RM 500</a> | <a href="#">RM 500SPS</a> | <a href="#">RM 501SPS</a> | <a href="#">RM 5001 / RM5001ex</a> | <a href="#">RM 5001 Disperser</a> | <a href="#">RM 5000/S</a> |
|--|------------------------|---------------------------|---------------------------|------------------------------------|-----------------------------------|---------------------------|
| Application: Varnishes / latex paints      | X                      | X                         | X                         | X                                  | X                                 | X                         |
| Application: Printing inks                 | X                      | X                         | X                         |                                    |                                   |                           |
| ( F )lexo / ( O )ffset ink                 | F+O                    | F+O                       | F+O                       | F                                  | F                                 | F                         |
| Dispersion                                 |                        |                           |                           |                                    | X                                 |                           |
| Container unit size                        | 50 ml – 5 ltr.         | 50 ml-5 ltr.              | 50 ml-5 ltr./ 0.5-10 kg   | 0.5 - 10 ltr. (30 kg)              | 0.5 - 10 ltr. (30 kg)             | 0.5 – 30.8 ltr. (50 kg)   |
| Shaking table (W x D x H mm)               | 250 x 250 x 280        | 250 x 250 x 280           | 350 x 350 x 300           | 340 x 340 x 340                    | 340 x 340 x 340                   | 390 x 400 x 470           |
| Overall dimensions (W x D x H mm)          | 450 x 400 x 750        | 450 x 400 x 750           | 590 x 700 x 850           | 650 x 650 x 1200                   | 650 x 650 x 1200                  | 700 x 600 x 1200          |
| Weight (kg)                                | 50                     | 80                        | 120                       | 170                                | 170                               | 190                       |
| Workpiece clamping                         | manual                 | automatic                 | automatic                 | manual/automatic                   | automatic                         | automatic                 |
| EX version (air)                           | X                      |                           |                           | X                                  | X                                 | X                         |
| EX version (electric) *                    |                        |                           |                           | X                                  | X                                 | X                         |
| * Separate control cabinet                 |                        | X                         | X                         | X                                  | X                                 | X                         |
| SPC controls                               |                        | X                         | X                         | X                                  | X                                 | X                         |
| Mixing times, electronic                   | 0-15 min               | 0-15 min                  | 0-15 min                  | 0 – 10/h                           | 0 – 10/h                          | 0-15 min                  |
| Rotational speed / container (rpm)         | 1390                   | 1390                      | 1390                      | 620                                | 670 standard                      | 620                       |
| Speed control (rpm), adjustable (optional) |                        | X                         | X                         | 170 - 720                          | 170 - 720                         | 170 - 720                 |
| Frequency converter                        | 110V-60 Hz             | X                         | X                         |                                    |                                   | X                         |
| Cooling device: Fan                        |                        |                           |                           |                                    | X                                 |                           |
| Dispersion (DIN, ISO)                      |                        |                           |                           |                                    | X                                 |                           |
| Sliding carriage (optional)                |                        |                           |                           |                                    |                                   | X                         |
| Rating (KW)                                | 0.55                   | 0.55                      | 0.75                      | 0.75                               | 0.75                              | 0.75                      |