

Datasheet

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John Godrich in Partnership with SalvisLab



Laboratory stirrer LMR

FLUKO laboratory stirrers can be used for tasks from laboratory research to scale-up plants. They are equipped with optimally matched stands and, in the standard model, with a controller for variable speed. Laboratory stirrers, too, are available in ATEX versions for use in hazardous areas.

Configuration

FLUKO Laboratory stirrers are equipped with a robust 3 phase motor. The speed is controlled by an adjustable gear motor with the LMR. The mixing shaft is securely connected with a replacable thimble coupling. All of the production agitator types are available for the laboratory stirrer, thus ensuring the possibility of a scale up.

Drives

- 3 phase motor 0.25 - 1.5 kW
- Speed adjustment via an adjustable gear motor.
- Speed range: 260 to 8400 min⁻¹.

Agigators

The following agitator types are available:

- blade propeller
- dispersing disc
- 2 bladed trapezoidal turbine
- MIK-agitator

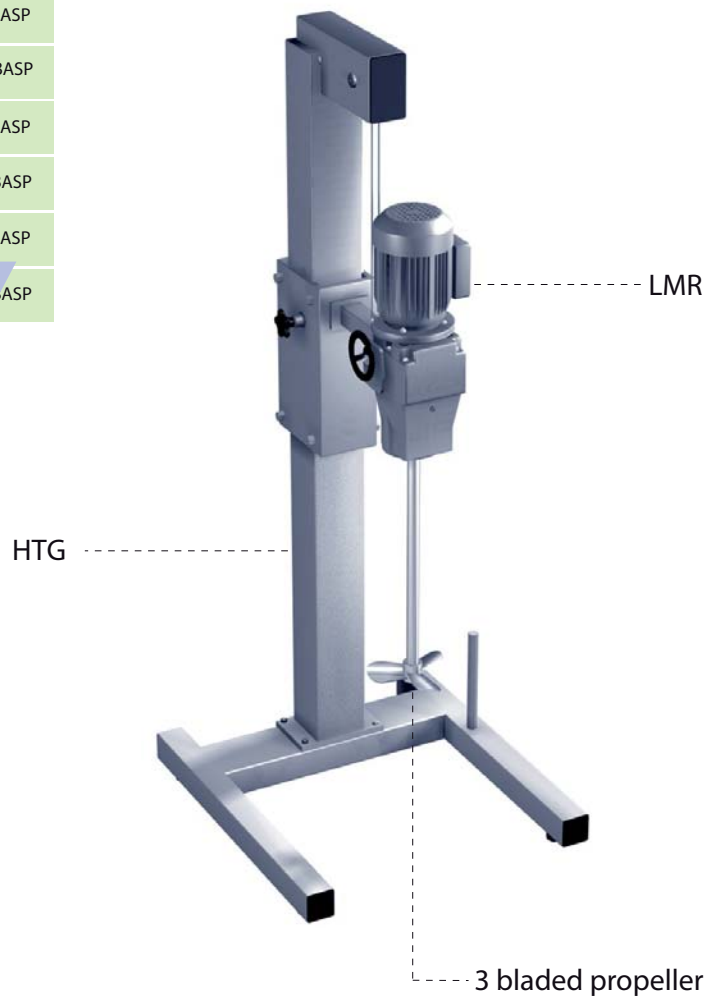
Stands

Several stands are available for use with FLUKO Laboratory stirrers and dissolvers. Manually adjustable stands are suitable for smaller stirrers, whereas stands with linear electric drives or counterweights are better suited for larger stirrers.



| LMR | Drive power kW | Speed min ⁻¹ from - to | Shaft length mm | Agitator diameter mm from - to | Dims. | | Accessories * |
|------|----------------|--------------------------------------|-----------------|-----------------------------------|-----------------|-----|---------------|
| | | | | | HTF | HTG | |
| 37.1 | 0.37 | 520 3640 | 400 | 50 80 | HTF 500, HTG 80 | | BASP |
| 37.2 | 0.37 | 930 8400 | 400 | 40 60 | HTF 500, HTG 80 | | BASP |
| 55.1 | 0.55 | 260 1820 | 500 | 60 100 | HTF 500, HTG 80 | | BASP |
| 55.2 | 0.55 | 520 3640 | 500 | 50 80 | HTF 500, HTG 80 | | BASP |
| 55.3 | 0.55 | 930 8400 | 500 | 40 70 | HTF 500, HTG 80 | | BASP |
| 75.1 | 0.75 | 260 1820 | 600 | 80 125 | HTG 80 | | BASP |
| 75.2 | 0.75 | 520 3640 | 600 | 60 100 | HTG 80 | | BASP |
| 75.3 | 0.75 | 930 8400 | 600 | 50 80 | HTG 80 | | BASP |

* See laboratory accessories brochure



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