

## 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<sup>-1</sup>.

### 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 <sup>-1</sup> from - to	Shaft length mm	Agitator diameter mm from - to	Stand type	Accessories *
						Clamp type
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

