

Datasheet

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John Godrich in Partnership with SalvisLab



IBC- Container Stirrer GMEC

For IBC- Containers: the solution

Liquid products are increasingly fed to production processes directly from the transport container. The importance of homogeneity of the product in the transport container is also increasing with this trend.

FLUKO SMEC Container stirrers are the economical solution for homogenisation of products in 1000 litre IBC transport containers.

In preparation for further processing or to reverse sedimentation after transport, the easy-to-use and robust SMEC container stirrers have been ensuring a constant product quality for our customers and proving their worth and flexibility year in, year out, in industrial environments.



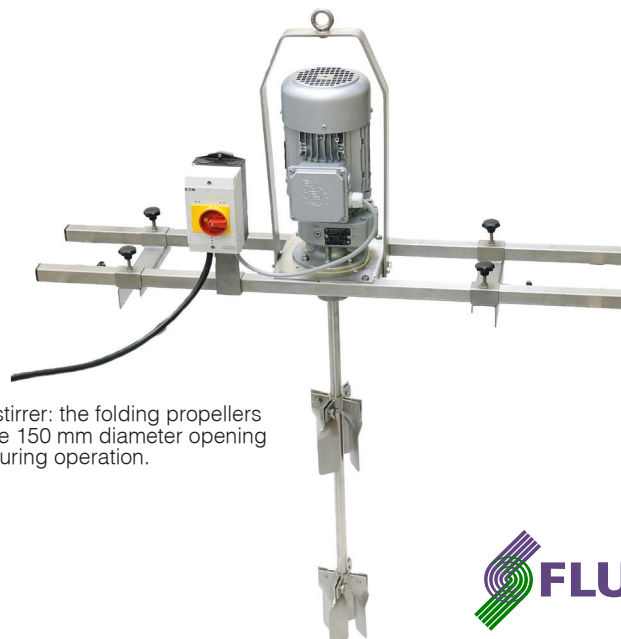
The GMEC150.1 container stirrer, shown above with the optional motor protection switch and the crane lash

Specifications

FLUKO GMEC Container stirrers are designed for stirring middle viscosity liquids up to 6000 mPas and consist of a robust geared motor coupled directly to a stirrer shaft and depending on the model, 1 or 2 folding propellers of 350 or 400 mm diameter. The shaft and propellers are made of AISI316Ti high-grade corrosion resistant stainless steel. The mounting brace for the stirrers is made of AISI304 grade stainless steel and it can be fixed to all brands of IBC container quickly and without tools. Electric drives at and above 0.75 kW are supplied in the IE2 energy efficiency standard. All of the FLUKO stirrers are designed for continual use in rugged industrial applications.

Special solutions

The PMGEC pneumatic container stirrer is designed like the GMEC but with a 1 kW pneumatic motor, the speed can be varied by throttling the air flow. For applications in hazardous areas, the GMEC and the PMGEC are available in an ATEX version for zones 1 and 2.



The GMEC container stirrer: the folding propellers pass easily through the 150 mm diameter opening of the IBC and open during operation.



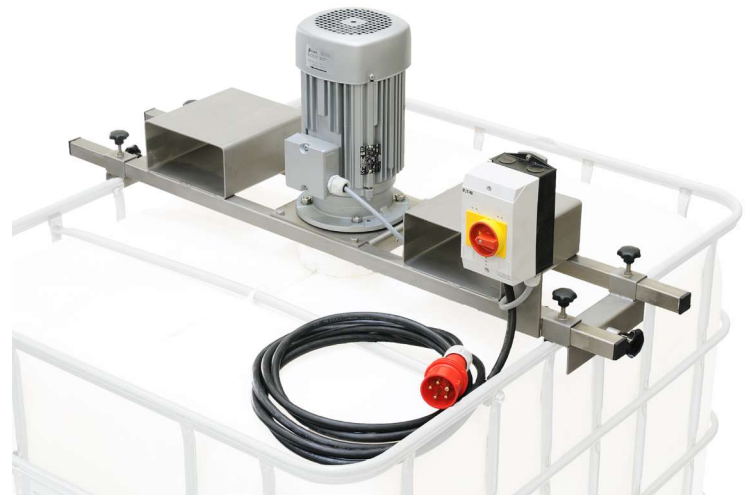
Options

FLUKO SMEC container stirrers can be delivered with Halar® E-CTFE or PVDF coated stirrer shafts and propellers for use with highly corrosive products. To make the handling of the stirrers easier, optional crane lashes or fork-lift sleeves can be ordered for the stirrer traverse.

We strongly recommend the optional motor overload protection switch to prevent motor damage and to provide a safe switching possibility. The switch is equipped with a low-voltage shut off to prevent unexpected starting after plugging in the stirrer. The motor switch is also equipped with 5 m cable, a CEE plug and is mounted on the traverse



The stainless steel mounting traverse is robust and allows the stirrer to be mounted on either side length of the IBC container. Safely and securely without tools.



Pictured above, the SMEC container stirrer (see separate brochure) with option fork-lift sleeves

Type Art.-No.	Power, voltage speed	Viscosity	Propeller type	weight incl. brace	Price
GMEC 75.1 Art.58301701	0.75 kW 400 V, 50 Hz 229 rpm	up to 2000 mPas	1 x d 350 mm folding propeller	28 kg	1560.00 €
GMEC75.1 ATEX Art.58301702	0.75 kW 400 V, 50 Hz 229 rpm II 2G c T3	up to 2000 mPas	1 x d 350 mm folding propeller	30 kg	1719.00 €
GMEC150.1 Art. 58301524	1.5 kW 400 V, 50 Hz 217 rpm	up to 6000 mPas	2 x d 400 mm folding propeller	36 kg	1980.00 €
GMEC150.1FU Art. 58301525	1,5 kW, 400 VAC, 50 Hz 22 to 218 rpm	up to 6000 mPas	2 x d 400 mm folding propeller	39 kg	2890.00 €
GMEC150.1ATEX Art. 58315024	1,5 kW 400 V 50 Hz 213 rpm II 2G c T3	up to 6000 mPas	2 x d 400 mm folding propeller	37 kg	2177.00 €
PMGEC4 ATEX Art. 58304201	1 kW 6 bar compr. air 22 to 218 rpm II 2G c T4	up to 2000 mPas	1 x d 350 mm folding propeller	20 kg	2725.00 €
Overload switch (non-Ex) incl. low-voltage cut out, CEE plug and 5 m cable					216.00 €
Overload switch (Ex) incl. low-voltage cut out, CEE plug and 5 m cable					1531.00 €
Fork-lift sleeves					145.00 €
Crane lash					58.00 €

Prices EX-WORKS without packing, excl. sales taxes or duties
Prices valid until 31.12.2017

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