

## IBC- Container stirrer SMEC

### *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 SMEC150.4 container stirrer pictured above with the optional motor overload switch, complete with 5 m cable and 400 V plug.

### *Specifications*

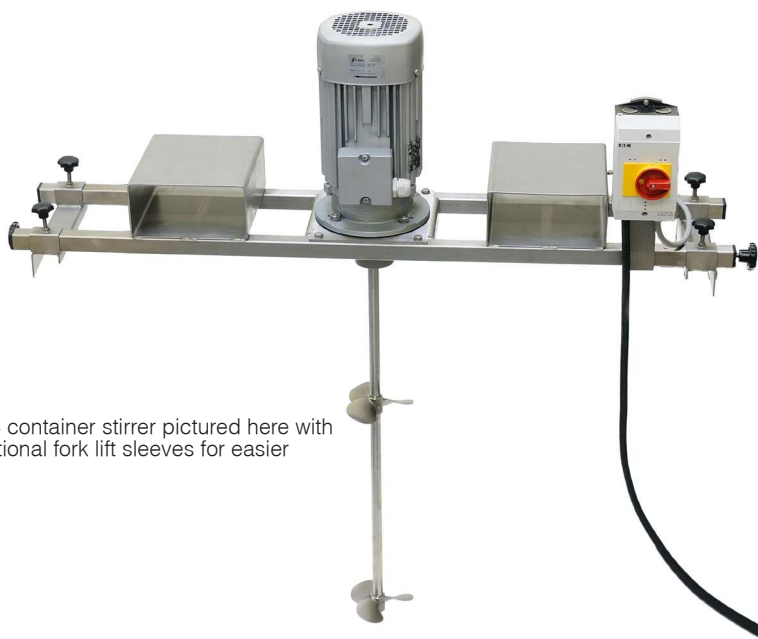
FLUKO SMEC container stirrers are designed for low viscosity media and consist of a 3 phase motor directly coupled to a stirrer shaft. 1 or 2 propellers are mounted on the shaft and can be adjusted in height. The stirrer shaft and the propellers are made of highly corrosion resistant AISI316Ti stainless steel. The container mounting-traverse is made of AISI304 stainless steel and can be fixed to the container frame without tools. The adjustable fixing elements of the traverse allow the stirrer to be mounted on many types of open vessel with diameter under 1 m. 3 phase motors are supplied in IE2 efficiency standard as of 0.75 kW power.

### *Special solutions*

The FLUKO PMLEC Container stirrer is configured as the SMEC above, however with a 1 kW pneumatic drive.

For use in hazardous areas, the SMEC and the PMLEC are available in an ATEX approved version for use in Zones 1 and 2.

The SMEC FU version is a container stirrer with an integrated frequency inverter, for speed variation between 150 and 1500 rpm.



The SMEC150.4 container stirrer pictured here with the practical optional fork lift sleeves for easier handling.



### 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 a 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.



The flexible container traverse allows the stirrer to be mounted on a number of open containers.

Type Art. No.	Power, Voltage Speed	Viscosity	Stirrer type	Weight incl. traverse	Price
SMEC 55.6 Art.58305561	0,55 kW 400 V, 50 Hz 1000 rpm	max. 600 mPas	2 x d140 mm propeller	24 kg	1070.00 €
SMEC55.6 ATEX Art.58305562	0,55 kW 400 V, 50 Hz 1000 rpm II 2G c T3	max. 600 mPas	2 x d140 mm propeller	25 kg	1395.00 €
SMEC75.4 Art. 58307541	0,75 kW 400 V, 50 Hz 1500 rpm	max. 600 mPas	1 x d140 mm propeller	21 kg	1085.00 €
SMEC75.4 1Ph Art. 58307544	0,75 kW, 230 VAC, 50 Hz 1500 rpm	max. 600 mPas	1 x d140 mm propeller	35 kg	1530.00 €
SMEC75.4-FU Art. 58307545	0,75 kW 400 V 50 Hz 150 to 1500 rpm	max. 600 mPas	1 x d140 mm propeller	28 kg	2020.00 €
SMEC75.4 ATEX Art. 58307543	0,75 kW 400 V 50 Hz 1500 rpm II 2G c T3	max. 600 mPas	1 x d140 mm propeller	26 kg	1360.00 €
SMEC150.4 Art. 58315041	1,5 kW, 400 V, 50 Hz 1500 rpm	max. 1200 mPas	2 x d140 mm propeller	43 kg	1495.00 €
SMEC150.4 1 Ph Art. 58315044	1,5 kW, 230 VAC, 50 Hz 1500 rpm	max. 1200 mPas	2 x d140 mm propeller	28 kg	1590.00 €
SMEC150.4 ATEX Art. 58315042	1,35 kW, 400 V, 50 Hz 1500 rpm, II 2G c T3	max. 1200 mPas	2 x d140 mm propeller	35 kg	1540.00 €
SMEC150.4 FU Art. 58315004	1,5 kW, 400 V, 50 Hz 150 to 1500 rpm	max. 1200 mPas	2 x d140 mm propeller	45 kg	2430.00 €
PMLEC4 Art. 58304002	1 kW 6 bar Druckluft 300 bis 1500 rpm	max. 1000 mPas	2 x d140 mm propeller	20 kg	1850.00 €
Motor overload switch, (non-Ex) with low-voltage cut out, CEE plug and 5 m cable					228.00 €
Motor overload switch, 1-phase motors, with low-voltage cut out, plug and 5 m cable					272.00 €
Motor overload switch (Ex) with low-voltage cut out, CEE plug and 5 m cable					1610.00 €
Fork-lift sleeves					158.00 €
Crane lash					78.00 €

Prices EX WORKS, without packing, excl. taxes or duties  
prices valid until 31.12.2021