

Stirrer K/MT 111

The stirrer is an all-purpose unit for liquid mixing

The internal mini motor with gear in a pressure-proof tube is supplied with external voltage through a pressure-proof subsea connector.

Apart from the o-ring sealed subsea connector the pressure housing has no external feedthrough.

The stirrer is equipped with a magnetic coupling instead of a shaft feedthrough.

This has the following advantages:

1. consistency problems cannot appear at the shaft,
2. no important friction forces must be overcome



Technical specifications

Pressure:	600bar
Voltage:	1,5 – 6 V
Power:	10 – 25 mA
Revolution:	50 – 200 U/min
Temperature:	-5 – 60 °C
Material:	Titanium or stainless steel, POM
Size:	Length appr. 130mm Diameter appr. 25mm (without sticks)
Weight:	310g

Characteristics

- Withstands extreme external pressure – for deep-sea operations (6000m)
- Low power consumption, favourable for permanent use with batteries
- Small size, easy integration



K.U.M. Umwelt- und Meerestechnik Kiel GmbH

Wischhofstr. 1-3, Geb. 15, 24148 Kiel – Germany
Sitz der Gesellschaft / Registered Office: Kiel
Amtsgericht Kiel / Local Court Kiel, HRB 4773
Steuernummer / Tax No.: 20 291 07200

Geschäftsführer / General Manager: Thomas Kumbier – Uwe Arndt
USt-IdNr. / VAT No.: DE 812362272
Bankverbindung / Bank details: Förde Sparkasse
IBAN: DE39 2105 0170 0012 0028 20 – BIC: NOLADE21KIE