

STIRRER SINGLE-SEAT MAGNETIC

Type: ST.S.M.*

Description

Single-seat magnetic stirrer without heating used to stir liquids with a stirring bar. The mixing speed can be changed continuously using the rotary control: 0-255 rpm. Lightweight and easily portable, suitable for mixing liquids with a volume of up to 1 l. The magnetic stirrer includes a connector connected to a 12 V power supply.

Original design of the magnetic stirrer in two colours. Upon agreement, it is possible to produce magnetic stirrers in colours according to the customer's wishes.

The single-seat magnetic stirrer includes two glass magnetic stirring bars (1 piece of type GMS.1 and 1 piece of type GMS.2 below). It is possible to buy more pieces of glass magnetic stirring bars.

Physical Parameters

Material: PETG

Heat resistance up to 65°C

Dimensions

Length: 159 mm

Width: 137 mm

Height: 60 mm

Weight: 272 g

ST.S.M.1



ST.S.M.2



Type of colour design

ST.S.M.*:

- ST.S.M.1
- ST.S.M.2

Glass magnetic stirring bars GMS.*:

GMS.1

Dimensions

Length: approx. 42 mm

Width: 6.22 mm

GMS.2

Dimensions

Length: approx. 22 mm

Width: 4.03 mm



Datasheet: [ST.S.M.*](#)

Ordering information

- The order is specified by whole single placed magnetic stirrer description formula
- It is possible to buy more pieces of glass magnetic stirring bars
- Minimum order quantity - 1
- Delivery time for standard single placed magnetic stirrer is 4 weeks from receipt of order
- Delivery time for non-standard single placed magnetic stirrer depends on final technical specification of order

Examples of Order

- 1 piece - ST.S.M.1
- 20 extra pieces - GMS.2

Sterilization Methods for PETG material

A Range of Sterilization Methods are stated in the table below. All tests were performed by leading Czech laboratories and hospitals to ensure conclusive and reliable results.

The Table below is from the Prusa Website. More information about the tests that were carried out by independent labs can be found through the links there:

https://help.prusa3d.com/article/prusa-face-shield-disinfection_125457#synlab

RECOMMENDED METHODS			
METHOD	CONDITIONS	EFFECTIVE AGAINST	VERIFICATION STATUS
Hot Air Dryer	65 °C (149 °F), 60 mins	bacteria, viruses	Verified by SYNLAB www.synlab.com
WHO Handrub disinfection*	75% IPA, 5 mins	bacteria, viruses	Verified by UCT www.vscht.cz
Isopropanol (IPA)	96%, 5 mins	bacteria, viruses	Verified by UCT www.vscht.cz
Isopropanol (IPA)	75%, 5 mins	bacteria, viruses	Verified by Labtech www.labtech.eu
Sodium Hypochlorite (household bleach)	min. 0.01 % of hypochlorite (e.g. SAVO 1:10), 2 mins+	bacteria, viruses	Verified by Labtech , SYNLAB
UV-C	radiation, 30W, wavelength below 280 nm, 15 mins	bacteria, viruses	Verified by SYNLAB
Ethanol	70-80% max**, 5 mins	bacteria, viruses	Verified by UCT , Labtech
Hydrogen Peroxide	25%, 5 mins	bacteria, viruses	Verified by ZUUSTI www.zuusti.cz

(Please do not use any other Sterilization Method such as Autoclaves, as these can cause the material to become damaged, warped or melted.)