



Wolflabs

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Stirrers

Stirrer, magnetic, portable, SM27

- Battery powered or mains supply
- Tough, compact and light weight
- Variable speed up to 1300rpm

Powered by long life batteries or mains power this rugged little unit can be used almost anywhere. Ideal for use inside incubators, glove boxes or in the field. Housed in a tough, chemically resistant ABS case and supplied complete with batteries.

Technical specification

| | SM27 |
|-----------------------------------|--------------------------------------|
| Max speed, rpm | 1300 |
| Capacity, litres H ₂ O | 1.5 |
| Dimensions, mm (w x d x h) | 150 x 160 x 70 |
| Net weight, kg | 1.3 |
| Electricity supply | 4 x alkaline batteries or 230V, 50Hz |
| Battery type | 1.5V, size D, IEC No. LR20 |
| Battery life | 600 hours continuous use |
| IP rating | 41 |

Ordering Information

| Model | Description |
|--------|---|
| SM27 | Portable magnetic stirrer complete with 4 x LR20 batteries and 25mm PTFE stir bar |
| SM27/1 | Mains adapter, 9V a.c. for 230V, 50Hz supply with UK plug |
| SM27/2 | Mains adapter, 9V a.c. for 230V, 50Hz supply with European 2 pin plug |
| SM27/3 | Car battery adapter, 12V, Fitted with standard car cigarette/cigar plug |

Stirrers, magnetic, mini, SM4

- Compact and lightweight
- Up to 1300 rpm

Designed for easy fixing to retort rods and scaffolding. Compact metal case has retort clamp for rod diameters up to 16 mm. Electronic speed control up to 1300 rpm. Separate tuning control allows slow speed setting.

Technical Specification

| | SM4 |
|----------------------------|-----------------|
| Speed range | 80 to 1300rpm |
| Dimensions, mm (w x d x h) | 90 x 160 x 90 |
| Net weight, kg | 1 |
| Electrical supply | 230V, 50Hz, 50W |
| IP Rating | 31 |

Ordering Information

| Model | Description |
|-------|-------------------------|
| SM4 | Stirrer, magnetic, mini |



SM27



SM4

Stirrers, magnetic, CB161 & SB161

- Choice of robust stainless steel or chemically resistant ceramic tops
- Spillproof design which helps deflect spills away from the controls and the user
- Powerful magnets for strong stirring action

Powerful magnets and motor give stirring speed up to 1500rpm and volumes up to 15 litres*.

Model CB161 has a glass ceramic top which has excellent chemical resistance. The chemical properties make the surface very easy to keep clean. The white surface ensures good visibility of colour changes, during titration for example.

Model SB161 has a robust stainless steel top plate that does not produce eddy currents like aluminium and so ensures a very powerful coupling and stirring action.

With fitting for retort rod and supplied complete with 2 x 25mm PTFE coated stir bars.

Technical Specification

| | CB161 | SB161 |
|---------------------------------|-----------------|-----------------|
| Plate material | Glass ceramic | Stainless steel |
| Plate dimensions, mm | 160 x 160 | 160 x 160 |
| Stirrer speed, rpm | 100 - 1500 | 100 - 1500 |
| Max. stirring capacity, litres* | 15 | 15 |
| Dimensions, mm (w x d x h) | 190 x 300 x 110 | 190 x 300 x 110 |
| Net weight, kg | 3.2 | 3.2 |
| IP rating | 32 | 32 |
| Electrical supply | 230V, 50Hz, 50W | 230V, 50Hz, 50W |

Ordering Information

| Model | Description |
|-------|--------------------------------|
| CB161 | Stirrer, ceramic plate |
| SB161 | Stirrer, stainless steel plate |

* Based on water contained in a 20 litre flat bottom boiling flask.



CB161



CB161

Stirrers

Stirrer, magnetic, 3 position, SB161-3

- Three independently controlled stirring positions
- Powerful magnets for strong magnetic coupling
- Stainless steel top plate

A space saving and economical unit with three independent stirring positions in a footprint only 600 x 270mm. Easily accommodates 3 x 2 litre beakers. The stainless steel top plate is robust and, unlike aluminium, does not produce eddy currents and so ensures a very powerful coupling and stirring action. Powerful magnets and motor give stirring speed up to 1500rpm and volumes up to 15 litres *. Supplied complete with 3 x 25mm PTFE coated stir bars.

Technical specification

SB161-3

| | |
|----------------------------|------------------|
| Plate material | Stainless steel |
| Plate dimensions, mm | 550 x 210 |
| Speed range, rpm | 100 to 1500 |
| Dimensions, mm (w x d x h) | 600 x 270 x 110 |
| Net weight, kg | 7 |
| Electricity supply | 230V, 50Hz, 150W |
| IP Rating | 31 |

Ordering Information

| Model | Description |
|---------|--------------------------------|
| SB161-3 | Stirrer, magnetic, 3 position |
| SR3 | Retort rod, 600mm plus bracket |

* Based on water contained in a 20 litre flat bottom boiling flask.

Stirrer, magnetic, heavy duty, SB301

- Robust construction with stainless steel top
- Powerful magnets for strong magnetic coupling
- Stirs up to 30 litres

Large and powerful stirrer for use with vessels up to 30 litre capacity. Powerful magnetic drive with electronic feed-back speed control which accurately maintains the set speed. Supplied complete with 1 x 100mm PTFE coated stir bar.

Technical specification

SB301

| | |
|----------------------------|-----------------|
| Plate material | Stainless steel |
| Plate dimensions, mm | 300 x 300 |
| Speed range, rpm | 100 - 600 |
| Stirring capacity, litres | 30 |
| Dimensions, mm (w x d x h) | 300 x 365 x 105 |
| Net weight, kg | 5 |
| Electricity supply | 230V, 50Hz, 50W |
| IP Rating | 31 |

Ordering Information

| Model | Description |
|-------|-------------------------------|
| SB301 | Stirrer, magnetic, heavy duty |



SB161-3



SB301