

Overhead Mixers

Easy-to-use, feature-rich heads and controllers that suit any mixer heads application.



Cole-Parmer® Overhead Stirrer Range

Simple to use mixer heads and controller, available in analogue and digital, featuring: a robust and stable construction; safe operation; customization; 'tool-free, finger-tight' height adjustment; and refined torque and speed settings.

- Robust and safety assured build quality
- Feature-rich user experience
- IP67 rating for harsh environments



Cole-Parmer®
essentials

Cole-Parmer® Overhead Mixer Head SM6500 and SSM6550

Choice of Control

Available in analog or digital, with adjustable torque and forward/reverse options.

The digital controller has a timer/alarm and finer 1 rpm adjustments.



Customizable

The overhead mixer head is compatible with both analog and digital controllers, allowing for a customisable user experience, that fulfills application needs.

Adjustable Height

The strong and stable retort stand features a shaft-clamp built to facilitate safe and easy 'no tool, finger-tight' adjustment of the mixer head by hand.

Adjustable Torque

Capable of a max torque of 80 Ncm/50 Ncm, with the ability to monitor torque and set both high and low limits.



Overhead Mixer Head SSM6500 - SSM6550 on adjustable stand

Cole-Parmer® Overhead Mixer Controllers

Digital SM6500/SSM6550 and Analog SM6300/SSM6350

Speed

Simple analogue control, which will enable users to run the mixer at a fixed speed. Easy digital control gives finer 1 rpm speed adjustments.



Digital controller SM6500/SSM6550

Digital extra

Digital controllers have a built-in alarm and time function, so that users can leave the mixer to run, whilst they undertake other critical activities.

Adjustable Torque

Capable of a max torque of 80 Ncm/50 Ncm, with the ability to monitor torque and set both high and low limits.

Change of Direction

Both analogue and digital controllers have a forward-reverse function, to allow users to alter the flow for complete mixing and greater control.



Overhead Mixer SSM6500 - SSM6550 stand set up



Analog SM6300/ SSM6350 mixer controller

The compact adjustable, analogue controller options allow a hands on traditional control for your mixer requirements.

Cole-Parmer® Overhead Mixers SSM6100 and SSM6150

Adjustable Height

The strong and stable retort stand features a shaft-clamp built to facilitate safe and easy 'no tool, finger-tight' adjustment of the mixer head by hand.



IP Rated

Overhead mixer heads are rated IP44, which means it is protected from solid particles >1mm in size and low-velocity water spray from all directions.

Easy of Use

The intuitive analogue controls make these overhead mixer very simple to set up and use. Easy-to-read instructions are included.

Safe

Built to a high standard with consideration to safety, torque limits, and durability. Overheat/overload indicators, and automatic shut-off keep users and mixer safe.



The Overhead SSM6100/SSM6150 mixer set up with adjustable stand.

Cole-Parmer® Overhead Mixers Specifications and Ordering

Technical Specification

Specification	SSM6100 - SSM6150	SSM6300 - SSM6350	SSM6500 - SSM6550
Horespower/Motor Rating	1/50	1/15	1/10
Brushless Motor	Yes	Yes	Yes
Keyless Chuck	Yes, up 3/8"	Yes, up 3/8"	Yes, up 3/8"
Through shaft	–	Yes, 10mm	Yes, 10mm
Power Supply	External	Internal (User serviceable)	Internal (User serviceable)
Adjustable tilt mount	–	0-30 degrees	0-30 degrees
Weight (kg)	1.8	Motor 3 kg, Contoller 1.7 kg	Motor 3 kg, Contoller 1.7 kg
IP Rating	IP44	IP44 motor & controller	IP44 motor & controller
Max Torque	6.7 Ncm/5 Ncm	64 Ncm/38 Ncm	80 Ncm/50 Ncm
Speed Range	40-4000 rpm	50 - 2500 rpm	50 - 2500 rpm
Max Volume	38L	95L	120L
Max Viscosity	100 cP (< 4L)	1000 cP (< 4L)	2000 cP (< 4L)
Variable Speed	100:1 adjustment range	10% - 100% of full motor	Adjust +/- buttons by 1 rpm
Forward and reverse mixing	–	Yes	Yes
Resume after power on	Yes	Yes	Yes, user enabled
Constant torque	–	Yes up to 2300 rpm	Yes up to 2300 rpm
Torque limiting	Yes	Yes	Yes
Overload/Over-current indicator	Yes	Yes	Yes
Overheat indicator	Yes	Yes	Yes
Motor thermal fuse	–	Resettable thermal switch	Resettable thermal switch
Warranty	2 years	2 years	2 years

Ordering Information

Description	Ordering Number	Series No.	Model No.
GP Mixer Set	55008-00	OM-100	OM-100-SET
GP Mixer System	55008-01	OM-100	OM-100-SYS
SP Mixer Set	55008-02	OM-200	OM-200-SET
SP Mixer System	55008-03	OM-200	OM-200-SYS
SD Mixer Set	55008-04	OM-200	OM-200D-SET
SD Mixer System	55008-05	OM-200	OM-200D-SYS
SP Mixer Controller	55008-06	OM-200	OM-200
SD Mixer Controller	55008-07	OM-200	OM-200D
Mixer Motor Only SP/SD	5008-08	OM-200	OM-200-MH

Regulatory Compliance : CE, UKCA, cUL/UL, RoHS, WEEE, Conflict Minerals, REACH, Prop 65





WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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