

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 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.

Digital controller SM6500/SSM6550



Overhead Mixer SSM6500 - SSM6550 stand set up



Analog SM6300/ SSM6350 mixer controller

The compact adjustable, analog 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



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