



Overhead stirrer, VOS 14



This quiet, economical overhead stirrer is suitable for simple laboratory mixing, applications such as processing media with substantial temporary viscosity changes. Ideal for stirring substances with low to medium viscosities. Electronically controlled closed loop feedback to the motor to maintain constant speed, even when viscosity changes. The shaft accommodates stirring elements with shafts up to 8 mm in diameter.

- Gearless, direct drive motor
- Infinitely adjustable speed control
- Easy to operate
- Analogue speed display, overload protection

IP protection class according to DIN EN 60529: IP 20

Delivery information: Supplied with chuck key and extension arm. Accessories must be ordered separately. Plate stand 431-2901 has slip resistant foil coating, a 16 mm diameter supporting rod and supports up to 5 kg. Please see www.vwr.com for details of accessories.

Model	VOS 14
Max. stirring capacity H ₂ O (l)	8
Max. torque at chuck (Ncm)	10000
Max. viscosity (mPas)	28,5/17
Power - motor input/output (W)	0,5 - 8
Shaft Ø (mm)	100 - 2000
Speed range (min ⁻¹)	2
Weight (kg)	70x176x197
WxDxH (mm)	

Description	Pk	Cat. No.
VOS 14 overhead stirrer, UK-plug	1	441-0026

Description	Pk	Cat. No.
Accessories		
Stirring shaft protector	1	441-2999
Bosshhead clamp, 6 - 16 mm Ø stand, 6 - 16 mm Ø extension arm	1	431-2923
Plate stand, 200x316 mm, rod 16 mm Ø with height 800 mm	1	431-2901



Electronic overhead stirrers, VOS 40 digital and VOS 60 control



Laboratory stirrers which are ideal for simple stirring tasks, suitable for quantities up to 25 l (VOS 40 digital), or for intensive stirring tasks for quantities up to 40 l (VOS 60 control). Due to microprocessor controlled technology, the stirrers automatically adjust the speed within the speed range of 0/30 - 2000 min⁻¹. Safety circuits ensure automatic cut off in anti-stall or overload conditions. The actual shaft speed and preset speed are constantly monitored and variations are adjusted automatically. This guarantees a constant speed even with changes in sample viscosities. Stirrers have a slim casing and provide quiet operation.

- Digital speed display
- Infinitely adjustable speed
- Push-through agitator shafts
- Overload protection and units can be operated for short-term periods in overload conditions
- Error code display

The VOS 60 control model features a removable wireless controller and a digital, multilingual TFT display. This stirrer is equipped with a RS232 and a USB interface to control and document all parameters. An integrated torque trend display enables measurement of viscosity changes.

- Programmable functions
- Integrated temperature measurement
- Interval operation, timer and lock function
- Adjustable safety circuit

IP protection class according to DIN EN 60529: IP 40

Ordering information: Supplied without accessories, a wide range of accessories are available to order separately.