



designed for scientists



KMO 3 basic

/// Data Sheet

The award-winning KMO 3 basic is a small but powerful magnetic stirrer without heating function. It provides:

- unique design with glass surface
- brilliant, clear white display
- illuminated, flat stirring plate
- key-lock button
- reverse rotation
- integrated USB interface (control via labworldsoft and use of Firmware Update Tool)



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- recessed thread for support rod
- protection class IP42

Scope of delivery

- KMO 3 basic
- IKAFLON® 30 Magnetic stirring bar
- IKAFLON® 40 Magnetic stirring bar
- USB A-B Cable



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Technical Data

Number of stirring positions	1
Stirring quantity max. per stirring position (H ₂ O) [l]	5
Maximum load [kg]	10
Motor rating output [W]	9
Direction of rotation	right / left
Speed display set-value	LED
Speed adjustment	Touch key
Speed range [rpm]	10 - 1500
Setting accuracy speed [rpm]	10
Stirring bar length [mm]	20 - 80
Self-heating of the set-up plate by max. stirring (RT:22°C/duration:1h) [K]	+2
Set-up plate material	glass
Set-up plate dimensions [mm]	140 x 120
Automatic reverse rotation	yes
Set-up plate illuminated	yes
Illumination level max. [lx]	15000
Speed deviation (no load, nominal voltage, at 1500rpm + 25 °C) [%]	±2
Dimensions (W x H x D) [mm]	153 x 62.5 x 227
Weight [kg]	1.471
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 42
USB interface	USB-B
Voltage [V]	100 - 240
Frequency [Hz]	50/60
Power input [W]	13
Power input standby [W]	0.8
DC Voltage [V=]	24
Current consumption [mA]	500