

**Magnetic stirrer RET control-visc**

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Magnetic stirrer RET® control-visc

Safety magnetic stirrer with heating and integrated balance. Clear, multilingual TFT display makes it easy to set all parameters. Integrated temperature control feature enables connection of a temperature probe, placed directly in the medium, to control medium temperature with a high degree of precision. PT 1000 temperature sensor is included with purchase of RET control. The stainless steel composite hot plate, reaching a temperature of 340 °C, enables rapid heating. RS 232 and USB interfaces enable pc control of the magnetic stirrer and documentation of all test parameters. "Lock" function prevents inadvertent changes of speed and temperature settings. As a safety feature, "HOT" sign flashes when the unit is switched off but surface is still hot.

RET® control-visc white with chemically resistant hot plate.

- BNC socket for connection of a pH electrode
- Adjustable temperature control mode: rapid heating and very accurate temperature control
- Dual sensor for simultaneous control of heat transfer fluid temperature and medium temperature
- Timer and countdown functions
- Display of viscosity change trend
- Detached magnet detection
- Intermittent operation
- Several modes of operation available
- Safety circuit adjustable from 50 to 380°C
- Transparent protective cover included
- Error code display for easy troubleshooting
- Exact temperature and speed adjustment by means of digital display; even when function switched off
- Digital display of the safety temperature limit
- Suitable for unsupervised operation
- Sealed casing (IP 42) ensures a long service life

Specifications

Max. stirring quantity (H₂O): 20l
Motor rating input / output: 22 / 12 W
Speed: 50 to 1700 rpm
Speed display: TFT
Heat output: 600 W
Heating rate (1l H₂O): 7 K/min
Temperature range min. / max.
Setting accuracy: RT to 340 °C
± 0.1 K
Adjustable safety circuit min. / max.: 50 to 380 °C
Connection for ext. temp. sensor:
Control accuracy with sensor:
Interface: DIN 12878
± 0.2 K
USB / RS 232
Weighing range:
Weighing accuracy: 10 to 5000 g
500 g : ±1 g , >500g: ±5 g
Set-up plate:
Dimensions (W x D x H): Stainless steel 1.4301, diam. 135 mm
160 x 270 x 85 mm
Weight: 3 kg
Protection class acc. to DIN EN 60529: IP 42
Power supply: 220-240 V, 50/60 Hz

Code	Description	Packaging
LLG09720231	Safety magnetic stirrer RET control-visc white with heating and integr.balance enamel plate	1 pz.
LLG09720232	Safety magnetic stirrer RET control-visc white S 2 with heating and integr.balance with UK plug	1 pz.
LLG09720261	Safety magnetic stirrer RET control-visc with heating and integr.balance	1 pz.
LLG09720262	Safety magnetic stirrer RET control-visc S 2 with heating and integr.balance with UK plug	1 pz.



Code	Description	Packaging
LLG09720263	Safety magnetic stirrer RET control-visc S 3 with heating and integr.balance with CH plug	1 pz.
LLG09720233	Safety magnetic stirrer RET control-visc white S 3 with heating and integr.balance with CH plug	1 pz.



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