MAGNETIC STIRRER - *"with hot plate"*

➤ Maintenance free DC motor with low noise level offers a stirring volume up to 3 L with a smooth start and quick stop.

➤ Ceramic coated stainless steel top plate guarantees perfect chemical resistance specially against strong acids. Also provides impact resistant, easily cleanable, scratch proof surface with excellent heat distribution.

➤ Integrated design of the heater and the top plate provides excellent heat transfer rate and quick heat up capability.

➤ ABS housing protects all mechanical and electronic components from aggressive effects and guarantees safety with a long life time.

➤ Electronic speed control from 100 to 1500 rpm provides a gentle revolution and precise stirring speed even at high temperatures.

➤ PID temperature technology enables excellent heating control from ambient temperature to 280°C.

➤ Offers integrated temperature control (+/- 0,5°C accuracy) with external PT1000 temperature sensor and support rod.

➤ Overheat protection circuit turns off the heater if the top plate temperature reaches 320°C for any reason.

➤ Hot surface warning display indicates any residual heat even if switched off. LED display will show **"HOT"** if hotplate temperature is over 50°C.

➤ Large LED panel for simultaneous display for set & actual temperature and set & actual speed.

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catalogue no	613.01.001
dimensions / weight (mm / kg)	150 x 260 x 80 / 1,8
top plate dimensions (mm)	Ø135
top plate material	ceramic coated stainless steel
motor type	DC motor
power (W)	515
voltage (V)	220
frequency (Hz)	50
max. stirring capacity (L)	3
speed range (rpm)	100 - 1500
speed & temp. display	LED
heating output (W)	500
heating range (°C)	room temp. - 280
heating accuracy (°C)	±1 < 100; ±1 % > 100
safety temperature (°C)	320
heating warning (°C)	50
permissible ambient temperature (°C)	5 - 40
permissible relative humidity (%)	80
remote cont. (RS232) interface	N / A
standard accesories	external temp. sensor PT 1000
time control (minute)	N / A