

## ARE\* MAGNETIC HOT PLATE MIXER

Analog Magnetic Stirrer with hot plate. Stirring speed: 0 ... 1,500 rpm. Induction motor maintenance. Magnetic stirrers with new technology agitation, ideal for work without supervision. Stainless steel plates or glass ceramic (ARE3D). Stirring speed adjustable. Motor electronic speed control, constant speed even during changes in load. Accurate control of the heating and safe control of the temperature.

### Model ARE2A Analogue version:

High magnetic force, prevents blocking of the stirring and ensures that the "agitation" does not change due to external factors. Automatic positioning of the stirring. Separate circuit safety lock Automatic temperature exceeded 350°C.



ARE2A



ARE2D

### Model ARE2D Digital version:

In addition to the characteristics of the analog model, ARE2D has a microprocessor for an accurate control of the functions. RS232 interface for PC control. Two adjustable safety circuits. Separate temperature sensors, level of protection selectable. Temperature probe for control within the product agitation (PT1000 on request). View a danger signal due to residual heat, after turning off the heating of the agitator. According to DIN12878 for use with contact thermometers.

### Model ARE3D Digital version with ceramic plate 550°C

Square ceramic white plate for observation of color or its variations, for example during the titration, with heating. LCD display, real-time reading of the temperature. Precise control of temperature and speed. Notice residual heating after turning off the heating of the agitator. The display shows "Hot" when the temperature of the plate exceeds 50 ° C. System for controlling the temperature with safety lock.



ARE3D with PT100 support

Accessories: Support and protection cover

- Support for PT1000 adjustable ARE2D and ARE3D
- PT1000 probe, length 230 mm for ARE2D and ARE3D
- Plastic protection cover for ARE2D and ARE3D
- Supports for balloons 50, 100, 250, 500 ml

## TECHNICAL SPECIFICATIONS

Supply:

Power consumption W

Heating power W:

Maximum quantity agitated lt.:

Dimensions heating plate:

Range temperature:

Temperature display:

Accuracy heating:

External temperature sensor:

Dimensions WxDxH mm:

Weight kg:

Protection (DIN EN60529):

ARE2A	ARE2D	ARE3D
220V 50/60 Hz		
530	550	1030
500		1000
20		10
D. 135 mm		184x184 mm
from ambient to 340°C		from ambient to 550°C
-	LCD, continuo	LED
-	+/- 1°C	
-	PT1000 +/- 1°C	
280x160x65		215x360x112
2,8		4,5
IP 42		



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