

MAGNETIC STIRRER

**WITH HEATING
CAPABILITY
FOR ROUND
BOTTOM
FLASKS**



This magnetic stirrer/heater is developed for heating round bottom flasks as well as three-neck flasks. The liquid temperature can be directly controlled by an external Pt-100 probe.

The heat transfer is done through radiation and direct surface contact with an aluminium block in the shape of a roundbottom flask. The heating block with the flask is surrounded by a stainless steel container. When breaking of glass occurs, the liquid is collected in this stainless steel container, thus preventing liquid entering the interior.

The liquid is stirred by an oval stirring bar so that hot spots do not appear.

The KM 16.4D and KM 16.7D now feature a **direct setting of plate- and probe temperatures**, and the **safety temperature** on the front panel of the instrument. The following parameters can be adjusted: temperature of the heating block, external Pt-100 sensor, maximum temperature (for security), timer function, rpm for the stirrer.

Type KM 16.4 D part nr 60257 can be used for 3 different volumes: 100 ml, 250 ml, 500 ml.

Type KM 16.7D partnr 60258 can be used for 2 different volumes: 1000 ml and 2000 ml.

Part nb external Pt-100 sensor: 60278

Technical data:

Heating power:	550 W	Other features:	Fuzzy logic, RS232 opt.
Temperature range:	RT - 330° C	Rpm range:	60 - 1600
Connectors for external probes:	Pt-100 or KTA	Stirring quantity:	10 liters
Readout accuracy:	+/- 1° C	Weight:	2.4 kg
Independent safety circuits:	3		

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