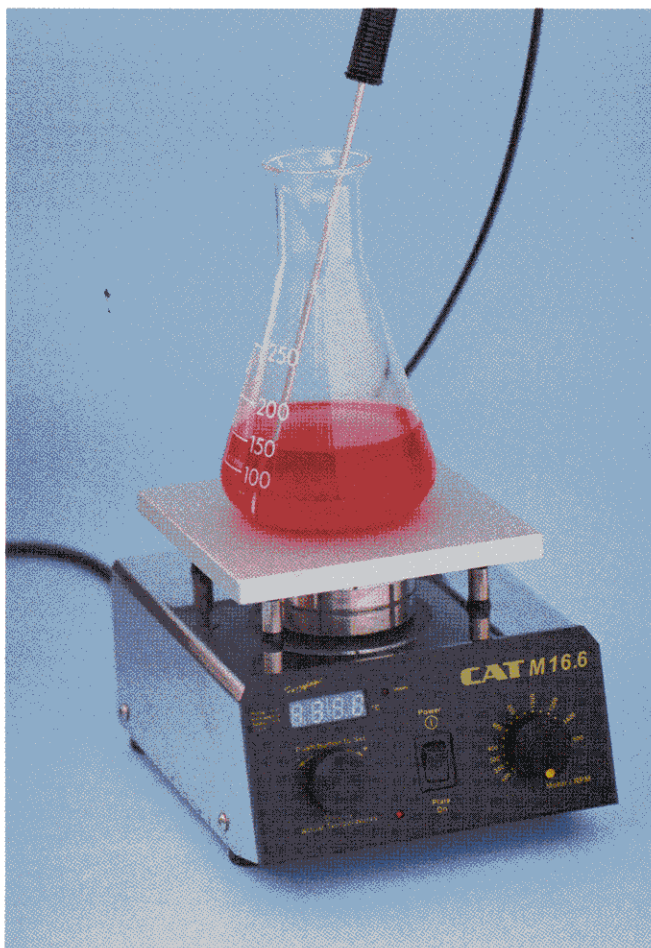


Microprocessor controlled hotplate stirrers

for direct control of the liquid temperature via an attachable Pt100 probe



3 Models with different hotplates:

M16.5 stainless steel

M16.6 anodised aluminum

M17.5 Ceran

The CAT mid range hotplate stirrers M16.5, M16.6 and the Ceran hotplate stirrer M17.5 now feature direct display and set of plate, probe and safety temperatures on the front panel of the instrument. Set temperatures, safety temperature as well as the programmable switch-off timer can be easily set via an incremental encoder wheel. All parameters can be monitored on a 4-digit LED-display which allows also to monitor the set motor speed.

These hotplate stirrers all have superb performance such as soft-start for the stirring motor, fuzzy logic control of the liquid and hotplate temperatures for fastest heat up time without overshoot and temperature stability, acid resistant epoxy-finished chassis and grade 304 stainless steel covers, combined with a stainless steel shroud between hotplate and cover to avoid the entrance of spills into the interior.

All three models are also available with RS232-interface which enables easy setting and readout of all relevant parameters.

CAT LabControl for Windows gives full control and documentation of parameters such as temperature, motor speed and switch-off time. This powerful package can be used when the option with RS232 is ordered.

Technical data:

Model	M16.5	M16.6	M17.5
Stirring quantity (H ₂ O)	10 l	10 l	10 l
Material of hotplate	stainless steel	anodised aluminum	Ceran®
Working size (mm)	Ø130	□125, 175 diagonal	□125, 175 diagonal
Speed range	60-1600	60-1600	60-1600
Heating power (W)	550	550	650
Temperature range (°C)	RT-330	RT-330	RT-370
Connection for external probe	Pt100, CTC	Pt100, CTC	Pt100, CTC
Readout accuracy	+/- 1°C	+/- 1°C	+/- 1°C
control deviation with probe	± 0,2°C	± 0,2°C	± 0,2°C
Independent safety circuits	3	3	3
Dimensions (WxDxH)	150 x 184 x 115	150 x 184 x 115	150 x 184 x 110
Weight	2,4	2,4	2,6
Other features	Fuzzylogic control, RS232 optional	Fuzzylogic control, RS232 optional	Fuzzylogic control, RS232 optional
Cat. No.	60262	60264	60263

Order No. for Pt100 probe: 60278

Ingenieurbüro **CAT**

M. Zipperer GmbH

D-79219 Staufen

Telefon (0) 76 36/78 03-0

Telefax (0) 76 36/72 08