



designed for scientists



ETS-D6

/// Data Sheet

Electronic contact thermometer with three patented IKA operating modes.

- with optimised PID control
- RESET function
- with integrated pH measuring instrument
- incl. sensor H 62
- Large, graphic LCD display with multilingual user guide
- Without pH electrode



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Ensures perfect temperature control in liquid mediums without overshooting the set temperature, even in the case of quick heating. Automatic switch-off of the temperature control function of the connected magnetic stirrer after three minutes if the temperature probe is not immersed in the medium (Error 5).



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Technical Data

Temperature measuring range [°C]	-50 - 450
Temperature measurement resolution [K]	0.01
Accuracy of temperature measurement [K]	±0.05 + tolerance PT1000 (DIN IEC 751 Class A)
Set temperature resolution [K]	±0.1
Heat control accuracy of medium with sensor [K]	±0.2
pH measurement	yes / BNC socket female
pH measuring range [pH]	0 - 14
Accuracy of pH measurement [pH]	0.1
pH measurement resolution [pH]	0.01
Immersion depth max. [mm]	200
Permissible ON time [%]	100
Dimensions (W x H x D) [mm]	96 x 98 x 45
Weight [kg]	0.2
Permissible ambient temperature [°C]	0 - 60
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 54
DC Voltage [V=]	8 - 16
Current consumption [mA]	30

