

IKA® Mixing

Magnetic stirrers accessories



ETS-D 4 fuzzy IKATRON®

Electronic contact thermometer with fuzzy logic control, incl. sensor H 62. For IKAMAG® magnetic stirrers and IKATHERM® heating plates with contact thermometer bushing according to DIN 12878. Ensures perfect temperature control without overshooting the set temperature, even in the case of quick heating.

Patented: 3 modes of operation guarantee optimum adjustment to your working method.

Operating mode A:

Suitable for work with varying parameters (from -10 °C to 400 °C). Safety temperature adjustable.

Operating mode B:

Suitable for series operation under uniform conditions

Operating mode C:

Suitable for unsupervised operation. All values are taken from the memory. This ensures perfect protection against inadvertent or improper adjustment.

Sensor	PT 1000
Measuring / control range	- 10 - 400 °C
Temperature display	digital
Resolution	0.1 K (< 100 °C) 1 K (> 100 °C)
Setting accuracy	1 K
Control deviation	± 1 K
Analog output with H 52	100 °C = 1 V
Dimensions (W x D x H)	67 x 62 x 145 mm
Weight	0.2 kg
Permissible ambient temperature	0 - 60 °C
Permissible humidity	80 %
Protection class acc. to DIN EN 60529	IP 44

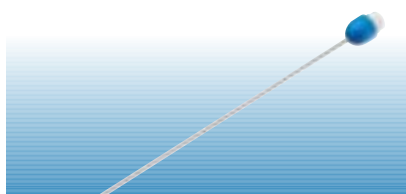
All IKAMAG® magnetic stirrers and IKATHERM® heating plates beginning with manufacturer's No. 466284 or with a "0" before the manufacturer's No. can be connected directly via the contact thermometer bushing acc. to DIN 12878. This applies for all IKA® devices manufactured since 1990.

Accessories (Page):

Sensors (15): H 62, H 66, H 70 Extension cable (15), H 52 Power pack set (16), H 16 V Support rod (17), H 44 Boss head clamp (17), H 36 Holding rod (17)

Ident. No.

2666600



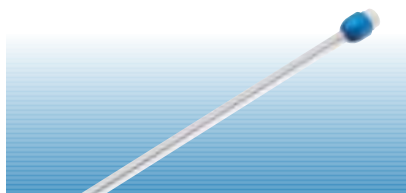
H 62 Stainless steel sensor

Spare sensor for use with ETS-D 4 fuzzy.

Depth of immersion	230 mm
Diameter	3 mm
Length	260 mm

Ident. No.

2735400



H 66 Stainless steel sensor, glass-coated

For use with ETS-D 4 fuzzy, for work with aggressive media such as acid and alkaline solutions.

Depth of immersion	230 mm
Diameter	6 mm
Length	260 mm

Ident. No.

2735500



H 70 Extension cable

To separate the casing from the sensor. The casing with the electronics may thus be kept away from dangerous vapor released by the medium (for use with ETS-D 4 fuzzy).

Length	1 m
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Ident. No.

2735600