

Stirrers

magnetic heated

Contact thermometers, electronic, ETS-D5

2^{YR}

IKA®

- Ensures perfect temperature control without overshooting the set temperature, even in the case of quick heating
- With optimised PID control and RESET function, includes stainless steel sensor H62
- Suitable for all magnetic stirrers with contact thermometer bushing according to DIN 12878, Class 2 (e.g. IKA®, Heidolph and Corning with adapter AD-C1)
- Patented: 3 modes of operation guarantee optimum adjustment to your working method:

Operating mode A

Suitable for work with varying parameters (from -50°C to 450°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, for protection against inadvertent improper adjustment



Technical Specification

Temperature range, °C	-50 to 450
Temperature resolution	0.1
Temperature accuracy, K	±0.2 + Sensor tolerance PT-1000
Accuracy	0.1K (setting)
Deviation	±0.5K (control)
Voltage, V	8 to 16 d.c.
Power consumption, W	10mA (at 9V)
Ambient temperature range	0 to 60°C
Relative humidity	80%
Protection class	IP 54
Class	Class 2 DIN 12878
Dimensions [w x d x h], mm	82 x 22 x 83 (without sensor)
Mass, kg	0.2
Electrical supply	230V, 50/60Hz

Catalogue No	Legacy No	Alt. No	Temperature range, °C
10555243	-	ETS-D5	-50 to 450

Accessories and spares

Catalogue No	Legacy No	Description
10485241	-	H 70 extension cable
10120881	-	H16V support rod
10058550	-	H44 Boss head
10043852	-	H38 Holding rod

Stirrer hotplates, magnetic, US152 and UC152

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stuart®

Two choices of top plate:

Model UC152

- Chemically resistant ceramic top plate
- Easy to clean
- Thermal properties allow very high plate temperatures whilst the edges remain cooler
- White surface ensures good visibility of colour changes



Model US152

- Robust coated aluminium/silicon alloy top plate
- Thin ceramic coating for chemical resistance
- 700W element gives rapid heating and ensures even temperature distribution
- Flashing "Hot" warning light when hotplate is 50°C and higher, mains independent
- Accurate temperature control with LED indicator scale
- Compact space saving design
- Economical general purpose hotplate stirrers
- Can be used in conjunction with SCT1 digital contact thermometer for accurate control of sample temperature
- Powerful magnets and motor give speeds of up to 2,000rpm
- Capable of mixing up to 15L



Both models have an integral fitting for a retort rod and are supplied with 2 x 25mm PTFE coated stir bars.

Technical Specification - Specific

	12917266	12927266
Alt. No	UC152	US152
Plate material	Glass ceramic	Coated Aluminium/Silicon
Plate dimensions, mm	150 x 150	150 x 150
Heated area, mm	120 x 120	150 x 150
Heater power, W	500	700
Plate temperature [maximum], °C	450	325
Stirring speed, rpm	100 to 2,000	100 to 2,000
Capacity, L	15 (max. stirring)	15 (max. stirring)
Dimensions [w x d x h], mm	172 x 248 x 122	172 x 248 x 120
Weight, kg	2.9	2.9
Electrical supply	230V, 50Hz, 550W	230V, 50Hz, 750W
IP rating	32	32

Catalogue No	Legacy No	Alt. No	Description
12917266	-	UC152	Magnetic hotplate stirrer with glass ceramic top plate
12927266	-	US152	Magnetic hotplate stirrer with coated aluminium/silicon top plate

Accessories

Catalogue No	Legacy No	Alt. No	Description
11890521	-	SCT1	Digital contact thermometer
11854724	-	SR1	Retort rod, 600mm x 12mm diameter