Thermo Scientific Cimarec i Micro Stirrers

Hermetically sealed IP68 protection class stirrers can be submerged in water

- Hermetically sealed housing resists dust and microorganisms
- Suitable for use in high humidity conditions, and can be fully submerged in water baths up to 95°C
- Up to eight stirrers can be controlled with a single controller
- Stainless steel housing has excellent chemical resistance
- Stir speeds up to 1400 rpm
- Stir volumes up to 1 L
- Choose from two different control units (your choice included)

Cimarec i Micro

Model	Part Number	Voltage/Plug Type	Speed (rpm)	Protection Class	Power Settings (W)	Dimensions WxDxH (mm)	Weight (kg)
Micro w/ Telemodul	50088162	230 V Euro	130-1000	IP68 (stirrer only)	3	48 x 48 x 15	0.2
Micro w/ Telemodul	50088151	230 V UK	130-1000	IP68 (stirrer only)	3	48 x 48 x 15	0.2
Micro w/ Telemodul	50088155	230 V Australia	130-1000	IP68 (stirrer only)	3	48 x 48 x 15	0.2
Micro w/ Telemodul	50088150	115 V USA	130-1000	IP68 (stirrer only)	3	48 x 48 x 15	0.2
Micro w/ Telemodul	50088149	100 V Japan	130-1000	IP68 (stirrer only)	3	48 x 48 x 15	0.2
Micro w/ Telemodul 20 C	50088148	100-240 V	130-1400	IP68 (stirrer only)	2/4/6/8	48 x 48 x 15	0.2

Operating conditions are -10 to 120°C at 95% rH or 0-95°C submerged in water
100-240 V units contain a cord set with various plugs

Optional Accessories

- Micro stirrer without controller 50134760
- 4-place distributor 50091720
- 8-place distributor 50091721

LINK & SYNC
See page 8.

Thermo Scientific Cimarec i Controllers for Inductive Drive Stirrers

Stirrers are included with the Micro, Mini (pages 2 to 3),
Compact, Maxi (page 5) and Telesystems (page 7)

Standard Telemodul

The space-saving Telemodul controller provides stirring power for small to medium volumes of low-viscosity fluids. Recommended for single point stirring up to 250 mL.

Telemodul 20 C

The versatile Telemodul 20 C controller features user-friendly, menu-driven microprocessor controls.

- Single handed operation with straightforward turn and press adjustment wheel
- Three individual program store and recall keys for rapid start up
- Last used settings stored in memory
- Rocking/shake mode reverses stir bar direction for a gentle back and forth stirring motion
- Four power settings to decrease power consumption and lower heat output

Telemodul 40 C

The Telemodul 40 C controller offers all the functionality of the Telemodul 20 C controller. Additional features include:

- Power output booster to 40 W for more demanding stirring tasks
- 10 power settings to decrease power consumption and lower heat output
- RS-232 interface for data transfer and PC control

Telemodul External Control Units

Description	Telemodul	Telemodul 20 C	Telemodul 40 C
Speed Control Range (rpm)	130-1000	130-1400	100-2000
Speed Control Accuracy (%)	±3	±1	±1
Rated Power (W)	7	20	40
Stirring Power Relative to Rated Power (%)	100	25/50/75/100 (4 Levels)	10-100 (10 Levels)
Starting Times	–	5 s to 60 min	5 s to 60 min
Pause Times	–	5 s to 60 min	5 s to 60 min
Starting Times	–	–	–
Output Voltage (VDC)	12	20	36
Supply Voltage (VAC)	115 or 230	100-240	100-240
Ambient Temperature Range (°C)	0 to +40 @ 80% rH	0 to +40 @ 80% rH	0 to +40 @ 80% rH
Dimensions WxDxH (mm)	63 x 96 x 50	155 x 165 x 95	155 x 165 x 95
Weight (kg)	0.4	0.6	0.7