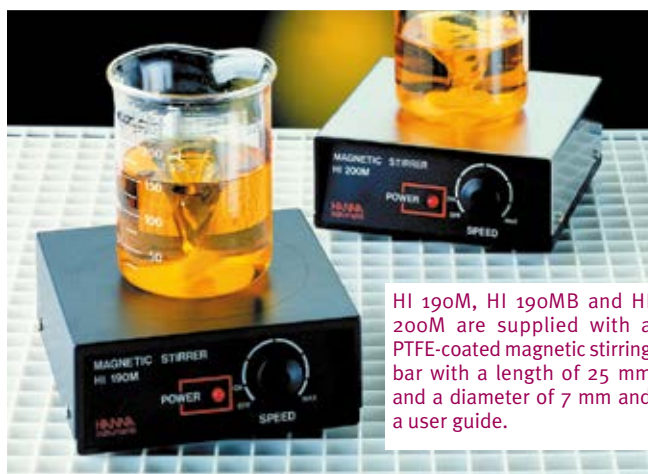


# MAGNETIC STIRRERS

## Magnetic mini stirrer

- Compact and lightweight agitators
- Speedsafe function prevents engine acceleration when the load is abruptly removed to prevent engine damage
- Model HI 190M delivered with plastic plate
- Model HI 200M supplied with AISI 316 stainless steel plate
- HI 190MB supplied without mains plug, please order mains adapter separately
- Warranty: 3 years



HI 190M, HI 190MB and HI 200M are supplied with a PTFE-coated magnetic stirring bar with a length of 25 mm and a diameter of 7 mm and a user guide.

| Model                             | HI 190M         | HI 190MB       | HI 200M                  |
|-----------------------------------|-----------------|----------------|--------------------------|
| Stirring capacity (l)             | 1               | 1              | 1                        |
| Speed (rpm)                       | 100-1000        | 100-1000       | 100-1000                 |
| Material                          | ABS plastic     | ABS plastic    | Stainless steel AISI 316 |
| Dimensions L x W x H (mm)         | 120 x 120 x 45  | 120 x 120 x 45 | 120 x 120 x 45           |
| Weight (kg)                       | 0.64            | 0.61           | 0.71                     |
| Max. length of magnetic bar (mm)  | 25              | 25             | 25                       |
| Permissible amb. T° (°C)          | 0 to 50         | 0 to 50        | 0 to 50                  |
| Permissible relative humidity (%) | 95              | 95             | 95                       |
| Power supply (W / Hz / V)         | 50-60 / 220-240 | 12V DC         | 50-60 / 220-240          |
| Cat. No.                          | 052049          | 052211         | 052212                   |
| €                                 | N/A -           | N/A -          | N/A -                    |

### Accessory

| Cat. No. | Description                      | €     |
|----------|----------------------------------|-------|
| 052213   | 12 V adapter (for HI 190MB only) | N/A - |

## RT Basic and RT Touch magnetic stirrers

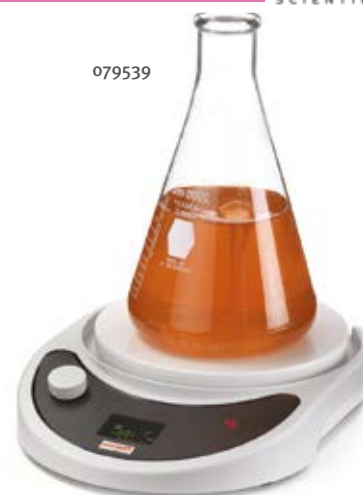
Thermo  
SCIENTIFIC

- Small and lightweight devices
- Strong magnetic torque
- Touch version with graduated start to avoid splashing
- Supplied with two non-slip silicone trays (one white, one black)
- Warranty: 2 years

| Model                          | RT Basic 120                                    | RT Basic 170   | RT Basic 220   | RT Touch 170   | RT Touch 220   |
|--------------------------------|---|----------------|----------------|----------------|----------------|
| Type of control                | Analog  |                |                | Digital        |                |
| Stirring capacity (l)          | 2   | 4              | 5              | 4              | 5              |
| Speed (rpm)                    | 150 - 2500                                      |                |                | 30 - 2000      |                |
| Plate material                 | Stainless steel with anti-slip silicone coating |                |                |                |                |
| Plate size (mm)                | 120   | 170            | 220            | 170            | 220            |
| Dimensions L x W x H (mm)      | 130 x 130 x 65                                  | 185 x 185 x 65 | 230 x 230 x 65 | 210 x 280 x 72 | 260 x 360 x 72 |
| Max. permissible capacity (kg) | 15  | 20             | 25             | 20             | 25             |
| Power supply (W / Hz / V)      | 6 / 50-60 / 100-240                             |                |                |                |                |
| Cat. No.                       | 079536  | 079537         | 079538         | 079539         | 079540         |
| €                              | N/A -   | N/A -          | N/A -          | N/A -          | N/A -          |

### Accessories

| Cat. No. | Description                                    | €     |
|----------|--|-------|
| 079542   | Non-slip silicone plate cover for 120 mm plate | N/A - |
| 079543   | Non-slip silicone plate cover for 170 mm plate | N/A - |
| 079544   | Non-slip silicone plate cover for 220 mm plate | N/A - |
| 079541   | Support Rod for RT Touch Hotplate stirrer      | N/A - |
| 079545   | Clamp holder 12 mm for support rod             | N/A - |
| 079546   | Clamp holder 12 mm for support rod             | N/A - |



079539



079536

## VELP magnetic stirrers



MST



Microstirrer



ESP

| Model                 | MST   | Microstirrer             | ESP                         |
|-----------------------|---|--------------------------|-----------------------------|
| Special feature       | Low heat emission, cool surface even after several days of continuous use |                          | Motorless, maintenance-free |
| Stirring capacity (l) | 5   | 5                        | 5                           |
| Maximum speed (rpm)   | 1100  | 1100                     | 1100                        |
| Material              | Technopolymers  | Epoxy painted metal      | Technopolymers              |
| L x D x H (mm)        | 130 x 150 x 50  | 120 x 128 x 48           | 160 x 230 x 33              |
| Weight (kg)           | 0.4   | 0.55                     | 0.9                         |
| Power supply          | 100-240V, 50-60 Hz, 0.6W  | 100-240V, 50-60 Hz, 0.6W | 100-240V, 50-60 Hz, 5W      |
| Cat. No.              | 399000B   | 399001                   | 399002                      |
| €                     | N/A -   | N/A -                    | N/A -                       |

### Recommended bars

| Cat. No. | Ø x W (mm) | For stirrer       | €     |
|----------|------------|-------------------|-------|
| 046039   | 6 x 20 mm  | MST, MICROSTIRRER | N/A - |
| 046044   | 6 x 35 mm  | MST, MICROSTIRRER | N/A - |
| 045995   | 10 x 40 mm | ESP               | N/A - |