

Data Sheet

Mixing / Magnetic Stirrers



RT 10

10-position digital magnetic hotplate stirrer, designed for synchronous heating and stirring. The magnetic coil technology provides noiseless and consistent stirring on all positions. The surface temperature is infinitely adjustable up to 120 °C, producing a maximum medium temperature of 70 °C (depending on type of vessel). Speed remains constant, even when load changes.

- Homogeneous temperature distribution across heating plate
- Adjustable reverse operation
- Eco-mode for a low self-warming of the surface
- Wear free magnetic coils
- Error code display
- Easy operation with touch keypad
- Suitable for continuous operation
- Adjustable speed in increments of 10 rpm

Accessories: IKAFLON® 20 Set (5 Pcs) power SmSo PTFE-coated Magnetic stirring bars, IKAFLON® 9 Set (5 Pcs) crown PTFE-coated Magnetic stirring bars, TRIKA® 25 Set (5 Pcs) PTFE-coated Magnetic stirring bars, IKAFLON® 30 Set (5 Pcs) cross PTFE-coated Magnetic stirring bars, IKAFLON® 25 Set (5 Pcs) cross PTFE-coated Magnetic stirring bars, IKAFLON® 20 Set (5 Pcs) cross PTFE-coated Magnetic stirring bars, IKAFLON® 10 Set (5 Pcs) round PTFE-coated Magnetic stirring bars, IKAFLON® 15 Set (5 Pcs) round PTFE-coated Magnetic stirring bars, IKAFLON® 20 Set (5 Pcs) round PTFE-coated Magnetic stirring bars, IKAFLON® 25 Set (5 Pcs) round PTFE-coated Magnetic stirring bars, IKAFLON® 30 Set (5 Pcs) round PTFE-coated Magnetic stirring bars, IKAFLON® glass 25 Set (5 Pcs) round Magnetic stirring bars, IKAFLON® glass 30 Set (5 Pcs) round Magnetic stirring bars, IKAFLON® 30 Set (5 Pcs) power SmSo PTFE-coated Magnetic stirring bars, IKAFLON® 25 Set (5 Pcs) slide round PTFE-coated Magnetic stirring bars, IKAFLON® 30 Set (5 Pcs) slide round PTFE-coated Magnetic stirring bars, IKAFLON® 20

Technical Data

| | |
|---|------------------|
| Number of stirring positions | 10 |
| Stirring quantity max. per stirring position (H ₂ O) [l] | 0.4 |
| Stirring position distance [mm] | 90 |
| Speed deviation of individual stirring positions [%] | 0 |
| Stirring quantity max. (H ₂ O) [l] | 4 |
| Speed display | LED line |
| Speed range [rpm] | 0 - 1000 |
| Stirring bar length min. [mm] | 25 |
| Stirring bar length max. [mm] | 30 |
| Heat output [W] | 375 |
| Heating rate (1 l H ₂ O in H15) [K/min] | 3 |
| Heating temperature range [°C] | room temp. - 120 |
| Temperature medium max. (dep. on vessel) [°C] | 70 |
| Heat control | LED |
| Heat control accuracy [±K] | 1 |
| Speed control | 10 RPM Steps |
| Adjustable safety circuit min. [°C] | 50 |
| Adjustable safety circuit max. [°C] | 150 |
| Set-up plate material | Aluminium alloy |
| Set-up plate dimensions [mm] | 180 x 495 |
| Dimensions (W x H x D) [mm] | 190 x 60 x 610 |
| Weight [kg] | 7.5 |
| Permissible ambient temperature [°C] | 5 - 40 |
| Permissible relative humidity [%] | 80 |
| Protection class according to DIN EN 60529 | IP 40 |
| Voltage [V] | 230 / 115 / 100 |
| Frequency [Hz] | 50/60 |
| Power input [W] | 410 |

Ident. No. 0003691100

Set (5 Pcs) ellipse PTFE-coated Magnetic stirring bars, IKAFLON® 25 Set (5 Pcs) ellipse PTFE-coated Magnetic stirring bars, IKAFLON® 30 Set (5 Pcs) ellipse PTFE-coated Magnetic stirring bars, IKAFLON® 10 Set (5 Pcs) cross PTFE-coated Magnetic stirring bars, BC 1000 Beaker cap, H 11 Mains cable CH plug, H 11 Mains cable USA plug, H 11 Mains cable Euro plug, RSE Stirring bar remover, H 11 Mains cable UK plug