



MSH 140



MSH 140 DIGITAL



500 ML REACTION BLOCK

## BOECO MAGNETIC STIRRER WITH HOTPLATE MSH 140, MSH 140 DIGITAL

Motor drive Magnetic stirrer with ceramic coated stainless steel hot plate for simultaneously stirring and heating of chemical reagents. „Hot-Surface“ alert indicator light when the plate temperature exceeds 50°C

### Specification:

|                                  | MSH140 digital                       | MSH140      |
|----------------------------------|--------------------------------------|-------------|
| Over all dimensions (LxBxH) (mm) | 156x248x104                          | 156x248x104 |
| Set-up plate dimensions (mm)     | 140                                  | 140         |
| Stirring quantity in Ltr (max)   | 10                                   | 10          |
| Number of stirrer positions      | 1                                    | 1           |
| Setup plate feature (Coating)    | ceramic coated stainless steel plate |             |
| IP Rating                        | IP 21                                | IP 21       |
| Product weight (kg)              | 2,3                                  | 2,3         |
| Safety temp circuit              | Yes                                  | no          |
| Safe temp. (°C)                  | 345                                  | no          |
| Power supply                     | 110/240VAC                           | 110/240VAC  |
| Maximum bar size (mm)            | 25 - 60                              | 25 - 60     |
| Speed range (rpm)                | 200 - 2200                           | 200 - 2200  |
| Heating temp. range (°C)         | 320                                  | 320         |
| Hot surface alert (°C)           | 50                                   | 50          |

### Control

|                                 |                                  |      |
|---------------------------------|----------------------------------|------|
| Time range                      | 1 to 999 minutes<br>& continuous | no   |
| Motor type                      | DC                               | DC   |
| Motor rating input & Output (W) | 5-7                              | 5-7  |
| Accuracy in RPM (+/- RPM)       | +/-80                            | -    |
| speed step                      | 10                               | -    |
| Heat Output (W)                 | 600                              | 300  |
| Power output (W)                | 610                              | 310  |
| Temp Accuracy [+/-K]            | 1                                | -    |
| Temp increment                  | 1                                | -    |
| Temp indication                 | yes                              | no   |
| Permissible ambient temp (°C)   | 5-40                             | 5-40 |
| Error code Display              | yes                              | no   |
| Housing Material                | ABS                              | ABS  |
| Display                         | Yes                              | no   |

### Code Description

|             |                                                      |
|-------------|------------------------------------------------------|
| BOE 8014000 | Magnetic stirrer with hotplate MSH 140, 240V         |
| BOE 8014001 | Magnetic stirrer with hotplate MSH 140, 110V         |
| BOE 8014110 | Magnetic stirrer with hotplate MSH 140 digital, 240V |
| BOE 8014111 | Magnetic stirrer with hotplate MSH 140 digital, 110V |

### Accessories for MSH 140 digital

| Code        | Description                                                 |
|-------------|-------------------------------------------------------------|
| BOE 8014120 | Support stand with boss head clamp for PT 1000 sensor probe |
| BOE 8014121 | PT 1000 sensor                                              |
| BOE 8014122 | Reaction block, 500 ml                                      |