

# Technical data sheet

## M-iClean UM+

Type: M2

Execution for: South Korea

### Dishwashing machine

3-phase current: 3N PE 400V 60Hz

Fresh water line: Soft cold water 0-3 °dH



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Sample illustration

## Technical data

|  |  |
|--|--|
| <b>Rack capacity/h (theoretical)</b>   | 40 / 30 / 15 racks/h   |
| <b>Programme cycle time</b>            | 90 / 120 / 240 s   |
| <b>Rack dimension</b>                  | 500 x 500 mm   |
| <b>Entry height</b>                    | 435 mm   |
| <b>Dimensions (W x Hmin x D)</b>       | 600 x 820 x 600 mm   |
| <b>Electrical feeding cable</b>        | 3-phase current 3N PE 400V 60Hz*<br>Total connected load: 6.9 kW<br>max. rated current: 15.4 A   |
| <b>Local fuse protection</b>           | 16 A   |
| <b>Protection class of the machine</b> | IP X5  |
| <b>Equipment</b>                       | Control system MIKE CPU4<br>Bluetooth interface for wireless communication<br>Leakage detector<br>Boiler safety device<br>Automatic self-cleaning when tank is drained |
| <b>Fresh water line</b>                | Air gap 'AB' in accordance with EN 1717 with booster pump  |
| <b>Fresh water supply</b>              | Minimum flow pressure 60 kPa / 0.6 bar in front of solenoid valve<br>Maximum pressure: 500 kPa / 5.0 bar<br>Max. supply water temperature 60 °C                        |
| <b>Flow rate</b>                       | 3 l/min  |
| <b>Final rinse water quantity</b>      | 2.4 liters/cycle, variable   |
| <b>Boiler</b>                          | Contents: 7.9 l<br>Heater: 6.00 kW<br>Temperature: 83 °C<br>Tank / boiler locked   |
| <b>Wash tank</b>                       | Filling: 11.0 l<br>Heater: 2.00 kW<br>Temperature: 60 °C   |

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|   |   |
|---|---|
| <b>Wash pump, with frequency converter</b>                  | Performance: 0.50 kW  |
| <b>Dosing of rinse aid</b>                                  | Hose pump (24 V) with time control and suction lance                                |
| <b>Detergent dosage</b>                                     | Hose pump (24 V) with time control and suction lance                                |
| <b>Material</b>   | Cladding: 1.4301<br>Wash tank: 1.4301<br>Boiler: 1.4571                             |
| <b>Heat emission</b>  | for 20 programme cycles/h<br>total: 2.1 kW<br>perceptible: 1.4 kW<br>latent: 0.7 kW |
| <b>Ventilation flow rate</b>                                | 540 m <sup>3</sup> /h   |
| <b>Steam emission</b>                                       | 1.0 kg/h  |
| <b>Emission sound pressure level at the workplace (LpA)</b> | 61 dB   |
| <b>Net / gross weight</b>                                   | 74.0 kg / 86.0 kg (standard packaging)  |
| <b>Packaging dimensions (W x H x D)</b>                     | 700 x 1050 x 700 mm (standard packaging)  |

## \*Note:

Electrical equipment suitable for supply voltage:  
3N PE 400 V 60 HZ (3N PE 380-415 V 60 Hz)  
1N PE 230 V 60 HZ (1N PE 220-240 V 60 Hz)