

Professional warewashing, cleaning and disinfection technology



# Technical data sheet

## M-iClean US

M007DWUC10M3-10

Execution for: Czech Republic

Glasswasher

Alternating current: 1N PE 230V 50Hz

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



Sample illustration

### Technical data

|                                 |                                                                                                                                                                                                |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rack capacity/h (theoretical)   | 20 / 20 / 15 racks/h                                                                                                                                                                           |
| Programme cycle time            | 180 / 180 / 240 s                                                                                                                                                                              |
| Rack dimension                  | 400 x 400 mm                                                                                                                                                                                   |
| Entry height                    | 315 mm                                                                                                                                                                                         |
| Dimensions (W x Hmin x D)       | 460 x 700 x 600 mm                                                                                                                                                                             |
| Electrical feeding cable        | Alternating current: 1N PE 230V 50Hz<br>nominal capacity: 3,2 kW<br>nominal current: 17,6 A                                                                                                    |
| Local fuse protection           | 20 A                                                                                                                                                                                           |
| Protection class of the machine | IP X4                                                                                                                                                                                          |
| Equipment                       | 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<br>connecting kit 1,8 m |
| Fresh water line                | Air gap 'AB' in accordance with EN 1717 with booster pump                                                                                                                                      |
| Fresh water supply              | 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                                                |
| Flow rate                       | 3 l/min                                                                                                                                                                                        |
| Final rinse water quantity      | 1,9 liters/cycle, variable                                                                                                                                                                     |
| Boiler                          | Contents: 7,0 l<br>Heater: 2,50 kW<br>Temperature: 65 °C<br>Tank / boiler locked                                                                                                               |
| Wash tank                       | Filling: 7,5 l<br>Heater: 2,50 kW<br>Temperature: 60 °C                                                                                                                                        |

# Technical data sheet

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|-------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Wash pump, with frequency converter</b>                  | Performance: 0,40 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: 1,4 kW<br>perceptible: 1,0 kW<br>latent: 0,4 kW |
| <b>Ventilation flow rate</b>                                | 340 m³/h                                                                            |
| <b>Steam emission</b>                                       | 0,7 kg/h                                                                            |
| <b>Emission sound pressure level at the workplace (LpA)</b> | 58 dB                                                                               |
| <b>Net / gross weight</b>                                   | 56,0 kg / 67,6 kg (standard packaging)                                              |
| <b>Packaging dimensions (W x H x D)</b>                     | 560 x 900 x 690 mm (standard packaging)                                             |

# Technical data sheet

## M-iClean UM+

M007DWUC10M3-30

Execution for: Czech Republic

Dishwashing machine

3-phase current: 3N PE 400V 50Hz

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



Sample illustration

### Technical data

|                                 |                                                                                                                                                                                                                                |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rack capacity/h (theoretical)   | 40 / 30 / 15 racks/h                                                                                                                                                                                                           |
| Programme cycle time            | 90 / 120 / 240 s, plus vapour treatment 120 s                                                                                                                                                                                  |
| Rack dimension                  | 500 x 500 mm                                                                                                                                                                                                                   |
| Entry height                    | 435 mm                                                                                                                                                                                                                         |
| Dimensions (W x Hmin x D)       | 600 x 820 x 600 mm                                                                                                                                                                                                             |
| Electrical feeding cable        | 3-phase current: 3N PE 400V 50Hz<br>nominal capacity: 6,7 kW<br>nominal current: 15,5 A                                                                                                                                        |
| Local fuse protection           | 16 A                                                                                                                                                                                                                           |
| Protection class of the machine | IP X4                                                                                                                                                                                                                          |
| Equipment                       | 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<br>ComfortAir ( heat recovery )<br>connecting kit 1,8 m |
| Fresh water line                | Air gap 'AB' in accordance with EN 1717 with booster pump                                                                                                                                                                      |
| Fresh water supply              | 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 20 °C                                                                                |
| Flow rate                       | 3 l/min                                                                                                                                                                                                                        |
| Final rinse water quantity      | 2,4 liters/cycle, variable                                                                                                                                                                                                     |
| Boiler                          | Contents: 7,9 l<br>Heater: 6,00 kW<br>Temperature: 83 °C<br>Tank / boiler locked                                                                                                                                               |

# Technical data sheet

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|-------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Wash tank</b>                                            | Filling: 11,0 l<br>Heater: 2,00 kW<br>Temperature: 60 °C                            |
| <b>Wash pump, with frequency converter</b>                  | Performance: 0,40 kW                                                                |
| <b>Dosing of rinse aid</b>                                  | Hose pump (24 V) with time control<br>and suction lance                             |
| <b>Detergent dosage</b>                                     | Hose pump (24 V) with time control<br>and suction lance                             |
| <b>Material</b>                                             | Cladding: 1.4301<br>Wash tank: 1.4301<br>Boiler: 1.4571                             |
| <b>Heat emission</b>                                        | for 15 programme cycles/h<br>total: 0,9 kW<br>perceptible: 0,8 kW<br>latent: 0,1 kW |
| <b>Ventilation flow rate</b>                                | 260 m³/h                                                                            |
| <b>Steam emission</b>                                       | 0,15 kg/h                                                                           |
| <b>Emission sound pressure level at the workplace (LpA)</b> | 61 dB                                                                               |
| <b>Net / gross weight</b>                                   | 75,7 kg / 87,7 kg (standard packaging)                                              |
| <b>Packaging dimensions (W x H x D)</b>                     | 700 x 1050 x 700 mm (standard packaging)                                            |

# Technical data sheet

## M-iClean HM

Type: M2

Execution for: Czech Republic

### Dishwashing machine

Working direction: right - left

Working height: 850 mm

3-phase current: 3N PE 400V 50Hz

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



Sample illustration

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## Technical data

|                                 |                                                                                                                                                                                                                                                                               |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rack capacity/h (theoretical)   | 60 / 40 / 17 racks/h                                                                                                                                                                                                                                                          |
| Programme cycle time            | 60 / 90 / 210 s, plus vapour treatment 30 s                                                                                                                                                                                                                                   |
| Rack dimension                  | 500 x 500 mm to 540 x 500 mm                                                                                                                                                                                                                                                  |
| Entry height                    | 505 mm                                                                                                                                                                                                                                                                        |
| Dimensions (W x Hmin x D)       | 635 ( 725) x 2180 x 750 (800) mm (with handles)                                                                                                                                                                                                                               |
| Electrical feeding cable        | 3-phase current: 3N PE 400V 50Hz<br>nominal capacity: 14,2 kW<br>nominal current: 23,0 A                                                                                                                                                                                      |
| Local fuse protection           | 25 A                                                                                                                                                                                                                                                                          |
| Protection class of the machine | IP X5                                                                                                                                                                                                                                                                         |
| Equipment                       | 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<br>Drain pump<br>Back wall cladding<br>Automatic hood system<br>AirConcept (Exhaust air heat recovery) |
| Fresh water line                | Air gap 'AB' in accordance with EN 1717 with booster pump                                                                                                                                                                                                                     |
| Fresh water supply              | 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 20 °C                                                                                                                               |
| Flow rate                       | 5 l/min                                                                                                                                                                                                                                                                       |

# Technical data sheet

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|-------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Final rinse water quantity</b>                           | 2,4 liters/cycle, variable                                                          |
| <b>Boiler</b>                                               | Contents: 10,5 l<br>Heater: 9,00 kW<br>Temperature: 83 °C                           |
| <b>Wash tank</b>                                            | Filling: 22,0 l<br>Heater: 4,00 kW<br>Temperature: 60 °C                            |
| <b>Wash pump</b>                                            | Performance: 0,75 kW                                                                |
| <b>Dosing of rinse aid</b>                                  | Hose pump (24 V) with time control<br>and suction lance                             |
| <b>Detergent dosage</b>                                     | Hose pump (24 V) with time control<br>and suction lance                             |
| <b>Material</b>                                             | Cladding: 1.4301<br>Wash tank: 1.4301<br>Boiler: 1.4571                             |
| <b>Heat emission</b>                                        | for 25 programme cycles/h<br>total: 1,4 kW<br>perceptible: 1,2 kW<br>latent: 0,2 kW |
| <b>Ventilation flow rate</b>                                | 330 m³/h                                                                            |
| <b>Steam emission</b>                                       | 0,26 kg/h                                                                           |
| <b>Emission sound pressure level at the workplace (LpA)</b> | 63 dB                                                                               |
| <b>Net / gross weight</b>                                   | 174,0 kg / 205,0 kg (standard packaging)                                            |
| <b>Packaging dimensions (W x H x D)</b>                     | 800 x 1800 x 1000 mm (standard packaging)                                           |