

UPster U 500 – Undercounter glass and dishwasher

MEIKO's UPster U range of undercounter dishwashers pulls out all the stops when it comes to professional warewashing technology, offering efficient cleaning performance, easy operation, maximum flexibility, and exceptional value for money. It's the perfect choice for your wash-up area. Simply pop it in place, connect it up, and you're ready to go!

Execution for: United Arab Emirates

Country of production: China

Glass and dishwasher with Thermolabel

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

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

Technical data

Rack capacity/h (theoretical)

30 / 20 / 15 racks/h

Programme cycle

120 / 180 / 240 s (glass / dish / dish intensive)

Rack dimension

500 x 500 mm (530 x 500)

Entry height

320 mm

Dimensions (W x Hmin x D)

600 x 820 x 600 mm

Electrical feeding cable

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

Total connected load: 9.2 kW

max. rated current: 15.2 A

Machine protection class

IP X4

Equipment

MIKE control

Infrared interface for wireless communication

Soft start

Boiler safety device

Automatic self-cleaning when tank is drained

Thermolabel

Fresh water supply

Minimum flow pressure 250 kPa / 2.5 bar in front of solenoid valve

Maximum pressure 500 kPa / 5.0 bar

Max. supply water temperature 60 °C

Flow rate

min. 0.3 l/s at 250 kPa/2.5 bar flow pressure

Final rinse water quantity

3 liters/cycle

Boiler

Contents: 8 l

Heater: 4.50 kW

Temperature: 65 °C, with dish wash programme 83 °C

Wash tank

Filling: 20 l

Heater: 4.00 kW

Temperature: 74 °C



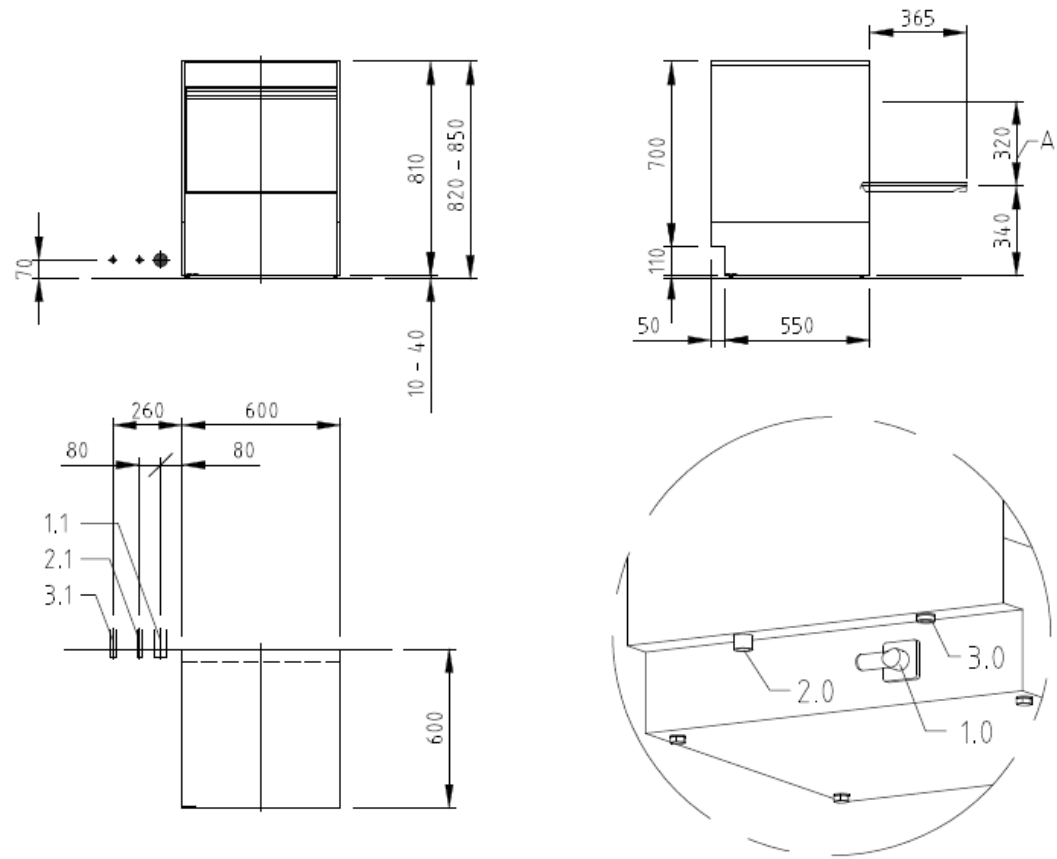
| | |
|---|---|
| Wash pump | Performance: 0.55 kW |
| Dosing of rinse aid | Potential free terminals (changeable to 230V) for local dosing system |
| Detergent dosage | Potential free terminals (changeable to 230V) for local dosing system |
| Material | Cladding: 1.4301 Wash tank: 1.4301 Boiler: 1.4404 |
| Heat emission | for 15 programme cycles/h total: 1.6 kW perceptible: 1.0 kW latent: 0.6 kW |
| Ventilation flow rate | 400 m ³ /h |
| Steam emission | 0.7 kg/h |
| Emission sound pressure level at the workplace (LpA) | 61 dB |
| Net / gross weight | 54.0 kg / 66.0 kg (standard packaging) |
| Packaging dimensions (W x H x D) | 700 x 1050 x 700 mm (standard packaging) |

***Note:**

Electrical equipment suitable for supply voltage:
3N PE 400 V 50 HZ (3N PE 380-415 V 50 Hz)
1N PE 230 V 50 HZ (1N PE 220-240 V 50 Hz)


* Programme cycle time depending on temperature of feeding water:
Prolongation of wash cycle with cold water connection or single phase execution;
For machine with single phase connection, warm water connection is recommended.

| | | |
|--|---|--|
| 1.0 | machine connection: Drain line hose fitted as odour trap in interior of machine | DN 22 |
| 1.1 | drain (recommended height 70 mm, over 120 mm waste water pump required) | DN 50 |
| 2.0 | machine connection: fresh water line | G 3/4" |
| 2.1 | soft warm water 45 - 60°C max. 0,54 mmol/l CaCO ₃ / 53,4 ppm / CaCO ₃ (max. 3°GH) approx. water flow rate 0,3 l/s min. flow pressure: 250 kPa / 2,5 bar upstream of the solenoid valve, maximum pressure: 500 kPa / 5 bar stopcock and fine screen ≤ 25 µm | DN 20 |
| | | G 3/4 a |
| 3.0 | machine connection: electricity connecting cable | 5G 2,5mm ² |
| 3.1 | electricity supply to the machine | 3N PE 400V ~ 50Hz |
| | nominal current / - capacity | 15,2 A 9,2 kW |
| ⚡ Voltage equalising cable | | |
| Electrical equipment suitable for supply voltage: 3N PE 380-415 V 50 Hz / 1N PE 220-240 V 50 Hz | | |
| heat load of the wash room in case of 10 program cycles /h | | total ca. 1,1 kW perceptible ca. 0,7 kW latent ca. 0,4 kW |
| all cables, pipes etc leaving machine | | 1,6 m |
| the position of the connection piping can also be mirror-inverted | | |
| Machine Equipment | | |
| (A) Entry height | | |
| Potential free terminals (changeable to 230V) for local dosingsystem | | |
| Thermalabel | | |



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|  MEIKO MIDDLE EAST FZE GoldDiamond Park, Building#6, office #206 P.O. Box 282365, U.A.E.-Dubai Phone +971 43 41 51 72 E-MAIL: wat@meiko.de | Revision | |
| | Reference | DISHWASHER STANDARD DRAWING / ARE |
| This drawing may not be neither passed to third parties for their information or copied or used for competitive purposes without our consent. All rights reserved. We reserve the right to make changes resulting from technical progress. This drawing was computer generated and is not subject to the checking and any release process; It is also not subject to change management. Please note: This document is only valid in conjunction with the conditions defined in Supplementary Sheet "Important Information". These can be requested from the manufacturer or downloaded from the Partnernet. | Type | UPSTER U 500 |
| | GLASSES / CROCKERY | THERMOLABEL |
| Drawing-No. | S00080955 | Order-No. |
| Scale | 1:25 | checked: |
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