

UPster U 400 – Undercounter glass and dishwasher

Get glassware and washware sparkling clean in next to no time!
Easy to use with an intuitive control panel and digital display.
Plus double-walled thermal insulation to keep the heat in
and minimise energy use. That's a pretty cool package!

Execution for: United Arab Emirates
Country of production: China

Glass and dishwasher
Fresh water line: Soft warm water 0-3°dH
3-phase current: 3N PE 400V 50Hz



Technical data

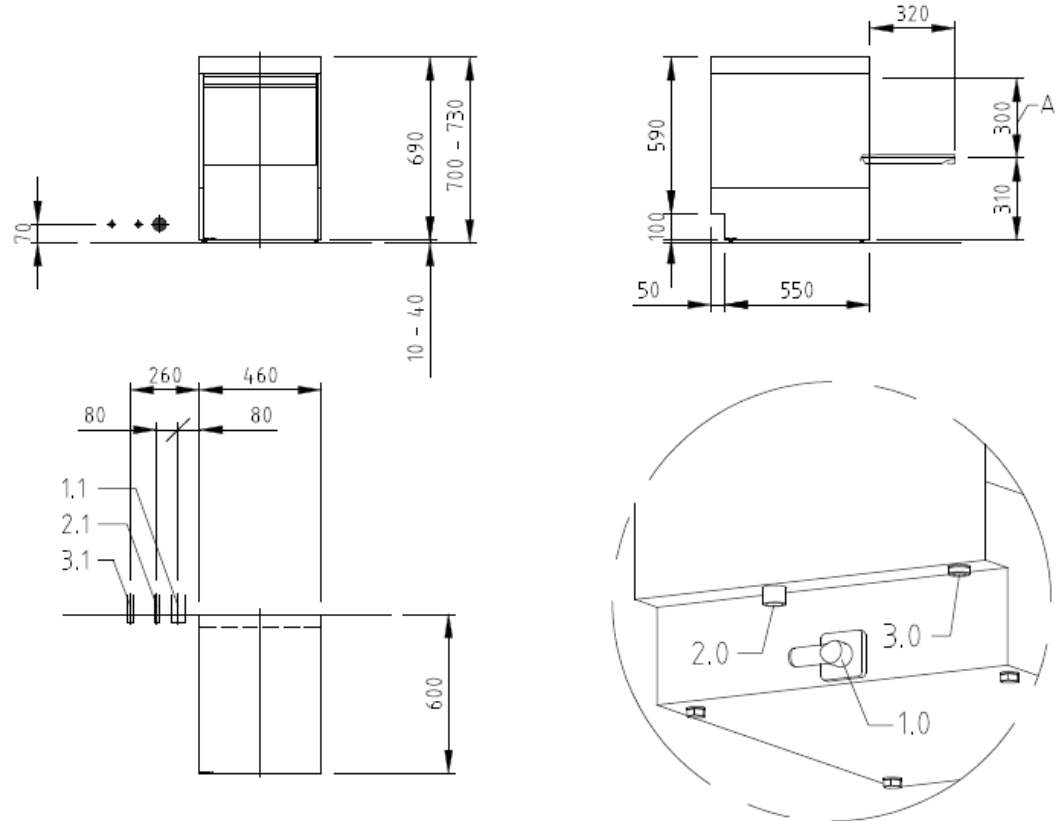
Rack capacity/h (theoretical)	30 / 20 / 15 racks/h
Programme cycle	120 / 180 / 240 s (glass / dish / dish intensive)
Rack dimension	400 x 400 mm
Entry height	300 mm
Dimensions (W x Hmin x D)	460 x 700 x 600 mm
Electrical feeding cable	3-phase current 3N PE 400V 50Hz* Total connected load: 3.7 kW max. rated current: 12.8 A
Local fuse protection	16 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
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. 0.22 l/s at 250 kPa/2.5 bar flow pressure
Final rinse water quantity	2.2 liters/cycle
Boiler	Contents: 4.2 l Heater: 3.00 kW Temperature: 65 °C, with dish wash programme 83 °C Tank / boiler locked
Wash tank	Filling: 11.0 l Heater: 2.00 kW Temperature: 60 °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: 1.0 kW perceptible: 0.7 kW latent: 0.3 Kw
Ventilation flow rate	250 m ³ /h
Steam emission	0.5 kg/h
Emission sound pressure level at the workplace (LpA)	62 dB
Net / gross weight	45.0 kg / 54.0 kg (standard packaging)
Packaging dimensions (W x H x D)	560 x 900 x 690 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 100 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 0,22 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 $\leq 25 \mu\text{m}$	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	12,8 A 3,7 kW
	⚡ Voltage equalising cable	Fuse protection: 16 A
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 15 program cycles /h		total ca. 1,0 kW perceptible ca. 0,7 kW latent ca. 0,3 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		



 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
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