MEIKO MIDDLE EAST FZE
Emaar Gold & Diamond Park, Building 6, Office 209
Sheikh Sayed Road
P. O. Box 282365 Dubai UAE
Tel: +971-341-5172 / Fax: +971-4-3415173
www.meiko.ae l www.meikome.com

The clean solution

UPster U 400



– Glass and dishwashing machine

The professional solution for sparkling clean glassware.

The ultimate in user-friendliness with a crystal-clear display, simple one-click buttons, and a digital read-out of the wash and rinse water temperatures. High-quality design with double-walled thermal insulation to keep the heat in and minimize energy use. Scores highly for: slotting under the counter, plugging in, and enjoying sparkling results!

Technical data

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

Rack capacity/h (theoretical)	30 / 20 / 15 racks/h
Programme cycle	total 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 Drain pump 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 l Heater: 2,00 kW Temperature: 60 °C
Wash pump	Performance: 0,55 kW
Dosing of rinse aid	Hose pump (24 V) with time control and suction lance
Detergent dosage	Hose pump (24 V) with time control and suction lance
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
Sound level	62 dB(A)
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)

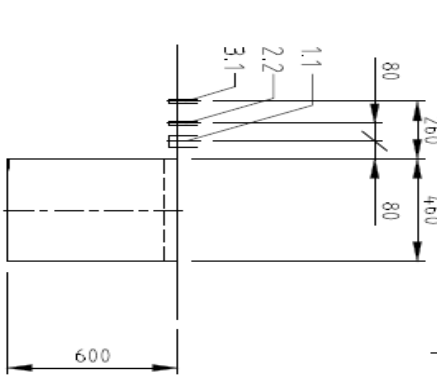
* Duration of wash cycle depending on temperature of feeding water:
prolongation of wash cycle with cold water connection or single phase execution;
For machine with single phase connection, warm water connection is recommended.

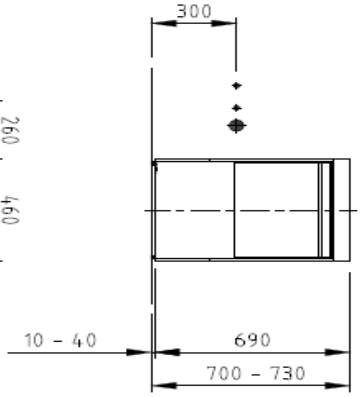
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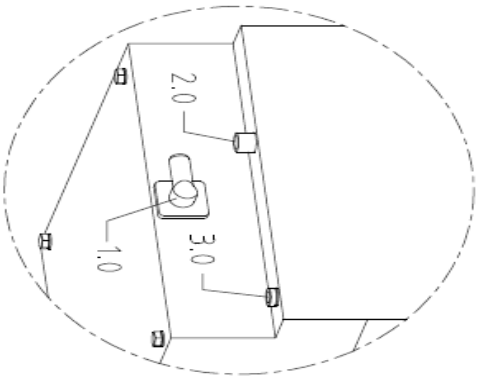
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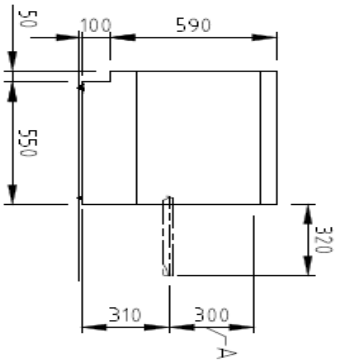
Technical Drawing:

1.0	machine connection: Drain line hose fitted as odour trap in interior of machine		DN 22
1.1	drain (max. 700 mm above of the floor level)		DN 50
2.0	machine connection: fresh water line		G 3/4"
2.2	soft cold water 10°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 ≤ 25 µm	DN 20 G 3/4 a	
3.0	machine connection: electricity		
	connecting cable	5G x 2,5 mm^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 340–415 V 50 Hz / 1N PE 220–240 V 50 Hz		
	heat load of the wash room	total	ca.1,0 kW
	in case of 15 program cycles /h	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		
	Options available on machine		
	(A) Entry height		
	Rinse agent pipe and suction lance (blue connector)		
	Detergent pipe and suction lance		
	Drain pump		









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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: wal@meiko.de

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Revision	Reference	Type	
	DISHWASHER	UPSTER U 400	
	STANDARD DRAWING / ARE		
	Drawing-No.	Order-No.	
	S00-P307064		
Scale 1:25	drawn 19.04.16 m-jplan	checked 19.04.16 mja	

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