MEIKO MIDDLE EAST FZE Emaar Gold & Diamond Park, Building 6, Office 207 Sheikh Sayed Road P. O. Box 282365 Dubai UAE Tel: +971-341-5172 / Fax: +971-4-3415173 www.meiko.ae



M-iClean US Gio- Undercounter glasswasher

All MEIKO dishwashing machines are designed and built to provide maximum efficiency. That's what customers expect – and that's exactly what they get. But the M-iClean goes even further. Equipped with the full spectrum of innovative warewashing technology, the M-iClean's intuitive operating concept ensures maximum efficiency and reliability.

Execution for: United Arab Emirates Glasswasher

Fresh water line: Soft cold water 0-3 °dH 3-phase current: 3N PE 400V 50Hz Gio Module



Gio Module (plint 120 mml) Dimensions: 460 x 820 x 600 mm



Gio Module (separately) Dimensions: 460 x 700 x 600 mm

Technical data

Rack capacity/h (theoretical) Programme cycle Rack dimension Entry height Dimensions (W x Hmin x D)

Electrical feeding cable

Local fuse protection Machine protection class

Equipment

Fresh water line

Fresh water supply

Flow rate

40 / 30 / 20 racks/h 90 / 120 / 180 s 400 x 400 mm 315 mm 460 x 700 x 600 mm

3-phase current 3N PE 400V 50Hz* Total connected load: 6.9 kW max. rated current: 15.7 A

16 A IP X5

Control system MIKE CPU4 Bluetooth interface for wireless communication Leakage detector Boiler safety device Automatic self-cleaning when tank is drained Integrated reverse osmosis (with connection and discharge set) For reverse osmosis: connecting set with stop valve, Pressure regulator, filter 10 µm with activated carbon

Gio Module (rear panel) Dimensions: 460 x 700 x 690 mm

Minimum flow pressure 100 kPa / 1.0 bar in front of solenoid valve Maximum pressure 500 kPa / 5.0 bar in front of pressure reducer Max. supply water temperature 35 °C

Internal: air gap 'AB' in accordance with EN 1717 with booster pump

total 3.2 l/min (at 15 °C inlet temperature and a flow pressure of 200 kPa / 2 bar) Permeate 1.5 l/min Concentrate 1.7 l/min



Fresh water thresholds	Temperature cold water min. 1 °C to max. 35 °C electrical conductibility < 1000 μ S/cm Total hardness max. 28 dH / 5 mmol/l CaCO3 Free of particles > 10 μ m Iron < 0.10 mg/l Manganese < 0.04 mg/l Chlorine < 0.10 mg/l (free chlorine) Potassium permanganate < 10 mg/l Silicic acid < 10 mg/l
Final rinse water quantity	1.9 liters/cycle, variable
Boiler	Contents: 7.0 I Heater: 6.00 kW Temperature: 65 °C Tank / boiler locked
Wash tank	Filling: 7.5 l Heater: 2.00 kW Temperature: 60 °C
Wash pump, with frequency converter	Performance: 0.50 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: 1.4571
Heat emission	for 20 programme cycles/h total: 1.4 kW perceptible: 1.0 kW latent: 0.4 kW
Ventilation flow rate	340 m³/h
Steam emission	0.7 kg/h
Emission sound pressure level at the workplace (LpA)	58 dB
Net / gross weight	56.0 kg / 67.6 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)

Gio Module (plinth 120 mml) Dimensions: 460 x 820 x 600 mm

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1.1 drain (max. 300 mm alove finished floor levely, DN 50 2.2 Machine connection. Treak water supply, G 34" 2.2 School water (OC, DN 15, G 344 a max. OL54 mmol (CaCO, (max. 394H) Pow rate: total 3.2 limits (at 15 °C limits through out a at a flow pressure 100 KP / 2 Bo). The source is a source of the source is a source is a source of the source is a source of the source is a source is a source of the source is a source is a source of the source is a source is a source is a source of the source is a source of the source is a source is a source is a source of the source is a source is a source is a source of the source is a sou	1.0			220
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max 0.64 modil CaCOx (max 3°dF) Flow rate: Uot 8.2 km/n (at 165 c) instemperature and a flow pressure of 200 kPa / 1.0 bur in front of solenoid valve Maximum flow pressure :00 kPa / 1.0 bur in front of perssure reducers 3.0 Machine connection: electric connection: cable 56.2 Smmt 3.1 electric system / capacity is 10 kPa / 1.0 bur in front of solenoid valve Maximum flow pressure :00 kPa / 1.0 bur in front of solenoid valve Maximum flow pressure :00 kPa / 1.0 bur in front of solenoid valve Maximum flow pressure :00 kPa / 1.0 bur in front of solenoid valve Maximum flow pressure :00 kPa / 1.0 bur in front of solenoid valve Maximum flow pressure :00 kPa / 1.0 bur in front of solenoid valve Maximum flow pressure :00 kPa / 1.0 bur in front of solenoid valve Maximum flow pressure :00 kPa / 1.0 bur in front of solenoid valve Maximum flow pressure :00 kPa / 1.0 bur in front of solenoid valve Maximum flow pressure :00 kPa / 1.0 bur in front of solenoid valve Maximum flow pressure :00 kPa / 1.0 bur in front of solenoid valve Maximum flow pressure :00 kPa / 1.0 bur in front of solenoid valve Maximum flow pressure :00 kPa / 1.0 bur in front of solenoid valve Maximum flow pressure :00 kPa / 1.0 bur in front of solenoid valve Maximum flow pressure :00 kPa / 1.0 bur in front of solenoid valve Maximum flow pressure :00 kPa / 1.0 bur in front of solenoid valve Maximum flow pressure :00 kPa / 1.0 bur in front of solenoid valve Maximum flow pressure :00 kPa / 1.0 bur in front of solenoid valve Maximum flow pressure :00 kPa / 1.0 bur in front of solenoid valve Maximum flow pressure :00 kPa / 1.0 bur in front of solenoid valve Maximum flow pressure :00 kPa / 1.0 bur in front of solenoid valve Maximum flow pressure :00 kPa / 1.0 bur in front of solenoid valve Maximum flow pressure :00 kPa / 1.0 bur in the solenoid valve Maximum flow pressure :00 kPa / 1.0 bur in the solenoid	2.0	Machine connection: fresh water supply, G 3/4"		
3.1 electricity supply to the machine: 3N PE 400V - 50Hz nominal current / capacity: 15.7.A / 9.8 kW Fuse protection: 16.A (b) Voltage equalising cable The master switch must be provided on site Note: Electrical equipment suitable for supply voltage: 3N FE 380-415 V 60 Hz / 1 N PE 202-240 V 50 Hz 6.0 1 or 20 programme cyclesh total 1.4 kW, perceptible 1.0 kW, latent 0.4 kW all cables, pipes dc leaving machine 1.6 m the position of the connection piping can also be mirror-inverted! Machine Equipment (A) Entry height Final rise dosing unit with suction lance GO MODULE (plinth, 120 mm) Meterset Modument MP_TINFO-GRO_EN pdf Modument MP_TINFO-GRO_EN pdf The days regress with and suction lance GO MODULE (plinth, 120 mm) Modument MP_TINFO-GRO_EN pdf The days regress with and suction lance GO MODULE (plinth, 120 mm) Modument MP_TINFO-GRO_EN pdf The days regress with and suction lance (blue connector) Detergent dosing trait and suction lance (blue connector) Detergent dosing trait and suction lance GO MODULE (plinth, 120 mm) Modument MP_TINFO-GRO_EN pdf The days regress with and or correl of tradification regress. The dataget trait regress with and or correl	2.2	max. 0,54 mmol/l CaCO ₂ (max. 3°dH) Flow rate: total 3.2 l/min (at 15 °C inlet temperature and a flow pressure of 200 kPa / 2 bar) See below for a list of supported browsers: Minimum flow pressure: 100 kPa / 1.0 bar in front of solenoid valve Maximum pressure: 500 kPa / 5.0 bar in front of pressure reducer		
Bit Normalic Current / - capacity: 15.7 A / 6.9 kW Fue protection: 16 A I) Origina gequalising cable The master switch must be provided on site Note: Electrical equipment suitable for supply voltage: 3.0 1.1 2.0 1.1 2.1 2.1 3.1 1.1 2.1 2.1 3.1 1.1 2.1 2.1 3.1 1.1 2.2 3.1 3.1 1.1 2.1 2.1 3.1 1.1 2.1 2.1 3.1 1.1 2.2 3.1 3.1 1.0 2.1 1.0 2.2 3.1 2.1 1.0 2.2 3.0 3.0 1.0 2.1 0.0 2.1 0.0 2.1 0.0 3.0 0.0 3.0 0.0 3.0 0.0 2.0 0.0 2.0 0.0	3.0	Machine connection: electrical connection cable 5G 2,5mm ²	l † †	
6.0 Heat load of warewash area 6.1 for 20 programme cycles/h total 1.4 KW, perceptible 1.0 KW, latent 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 Final rinse Gosing unit with suction lance Gio MODULE (plinth, 120 mm) Method Serve the installation indications of the additional document MP_T-INFO-GIO_EN.pdf MEKO MIDDLE EAST FZE ColDiamond Park, Buildingfe, office #206 P.0.807 \$2235, U. J. E. Dural Between the installation indications of the additional Method Serve the installation indications of the additional document MP_T-INFO-GIO_EN.pdf Method serve the installation indications of the additional document MP_T-INFO-GIO_EN.pdf Method serve the installation indications of the additional document MP_T-INFO-GIO_EN.pdf The dwarp may not are after passed from the induces where the installed on the passes are using the monor proces. This dwarp wars conceller or the induces where the installed on the passes are using the monor proces. This dwarp wars conceller or the induces where the installed on the passes are using the monor proces. This dwarp wars conceller or the induces where the installed in the ducking and any tables conceller or the induces where the installed in the ducking and any tables the induces of the induces where the induces of the induce	3.1	nominal current / - capacity: 15.7 A / 6.9 kW Fuse protection: 16 A	260 460 P	50 550
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Gio Module (rear panel) Dimensions: 460 x 700 x 690 mm

Dimensions. 400 x 700 x 090 mm		1				
1.0 machine connection: drain connection hose fitted as odour trap in interior of m						
1.1 drain (max. 300 mm above finished floo	or level), DN 50					
2.0 Machine connection: fresh water supply	y, G 3/4"	^				
2.2 Soft cold water 10°C, DN 15, G 3/4 a max. 0,54 mmol/I CaCO₂ (max. 3°dH) Flow rate: total 3.2 l/min (at 15 °C inle pressure of 200 kPa / 2 bar) See below for a list of supported brows Minimum flow pressure: 100 kPa / 1.0 I Maximum pressure: 500 kPa / 5.0 bar i stopcock and fine screen ≤ 25 µm	ers: bar in front of solenoid valve n front of pressure reducer		700 710 - 735	155 545		A 330 330 330 330 322 322
3.0 Machine connection: electrical connect	ion cable 5G 2,5mm²		ŧ	†		
 3.1 electricity supply to the machine: 3N Pl nominal current / - capacity: 15.7 A / Fuse protection: 16 A (↓) Voltage equalising cable The master switch must be provided or Note: Electrical equipment suitable for suitable for the sui	6.9 kW n site supply voltage:	80 460 80	10 - 35	<u>140 '</u>	550	
3N PE 380-415 V 50 Hz / 1N PE 220-2	40 V 50 Hz	1.1-				
6.0 Heat load of warewash area 6.1 for 20 programme cycles/h		2.2			concentrate	outlot
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all cables, pipes etc leaving machine 1,6 m				Í		
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Gio Module (separately)

Dimensions: 460 x 700 x 600 mm

