The clean solution

UPster® U / UPster® H *M2*

Undercounter and hood type dishwashing machines for glassware, dishes and utensils

With the MEIKO "GiO MODULE" water treatment technology: No need to polish glasses ever again!





Distributor:

chef's hat
Where the chefs shop

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UPster®

More quality, higher performance, more machine for less money

MEIKO: the art of making good things even better. For this reason we have redesigned all machines in the suc-cessful MEIKO *UPster® M2* series. The results are in a class of their own. Perfect for getting started or switching to the professional warewashing technology from MEIKO. With the completely fair price/ performance ratio only offered by *UPster®*. Whether undercounter or hood type dishwashing machines – the new *UPster®* series scores with robust materials, improved technology and more intuitive operation. For longer machine service life, more comfort and greater savings in water, energy and work-ing hours.

The new MEIKO *UPster® M2* range of machines makes light work of washing up, and it makes it easier for you to take the plunge into professional warewash-ing technology!



UPster® U series –
under the counter but exceeding the standard

The clean solution

MEIKO's new *UPster® U M2* 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. The perfect choice for your wash-up area. Simply plug it in and you're ready to go!





UPster® U 500 G / U 500 M2

The economic miracle under the counter

The new *UPster® U 500 G* glasswasher effortlessly cleans cups, plates and cutlery. It is a robust "all-rounder" for the counter area. Everything that has to be clean and spotless at the counter fits in here.
Thanks to the top wash system no corner remains dry. The simple operation and the many comfort features ensure a hygienic and convincing wash result. With its lower overall height, the *UPster® U 500 G* fits under nearly every counter. Whether mounted on a plinth or with integrated *GiO MODULE* under the machine.

The new *UPster® U 500 M2* is a solid all-rounder: tableware and glasses as well as larger items of washware are handled with ease. With its appealing, modern design and the use of proven MEIKO technology, the *UPster® U 500 M2* always cuts a fine figure even behind the counter. And the features speak for them-selves: spacious wash compartment, comfortable self-cleaning program, soft start for very gentle washing, 3 program cycle times, convincing consumption values and *GiO MODULE* (optional). And all for an absolutely fair price. The makes the *UPster® U 500 M2* into the cleaning star in the new price/ perfor-mance class from MEIKO.



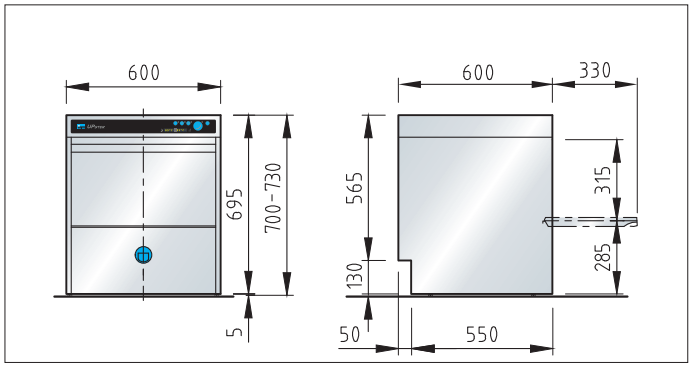


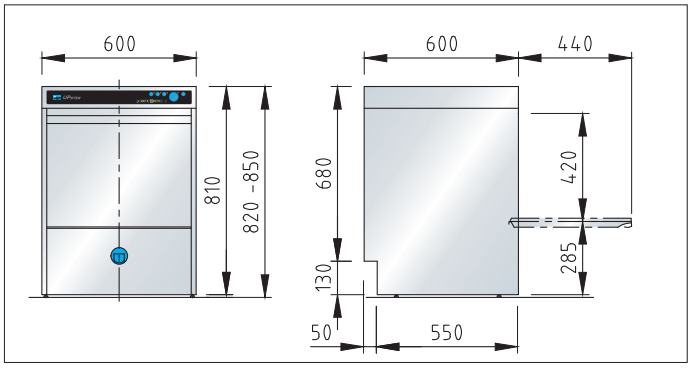
UPster® U 500 G
Comfort options
• MEIKO *GiO MODULE* technology
– **in the machine plinth** (fig.)
H 820-850 mm
– on the rear panel of the machine
D 690 mm
– **supplied separately**
MEIKO GiO MODULE
H 600 mm, W 140 mm, D 550 mm

Entry height
H 315 mm
Dimensions
H 700-730 mm, W 600 mm, D 600 mm
Rack dimensions
500 x 500 mm
Rack capacity
Up to 40 racks/h

UPster® U 500 M2
Comfort options
• MEIKO *GiO MODULE* technology
– **in the machine plinth**
A 940-970 mm
– on the rear panel of the machine (fig.)
D 690 mm
– **supplied separately**
MEIKO GiO MODULE
H 600 mm, W 140 mm, D 550 mm

Entry height
H 420 mm
Dimensions
H 820-850 mm, W 600 mm, D 600 mm
Rack dimensions
500 x 500 mm
Rack capacity
up to 40 racks/h





The clean solution

UPster® U 500 G / U 500 M2

All the plus points at a glance

The *UPster® U 500 G / U 500 M2* in figures

- **Outstanding for large plates, cups and cutlery:** Entry height 315 mm *(U 500 G)*, 420 mm *(U 500 M2)*
- **A lot of space for brilliant wash results:** rack size 500 x 500 mm
- **Efficient water consumption:** 2.6 l per wash cycle

Hygiene assurance and cleanliness

- **Hygiene assurance without compromises** thanks to digital temperature display for wash and final rinse temperatures, and permanent temperature control
- **Excellent rinsing results** due to excellent wash water filtration and optimum tank water regeneration with the *AktivPlus* wash water filter system
- **Cleanliness that penetrates the last nook and cranny** with the top and bottom wash and final rinse system
- **No detergent residues:** Due to the inbuilt gradient in the wash and final rinse systems as well as the washing compartment ceiling, no drops fall on the cleaned washware
- **Consistent, reliable cleaning results:** Thanks to the pressure booster pump cleans the *UPster® U 500 G / U 500 M2* independently of the mains water pressure

Comfort and serviceability

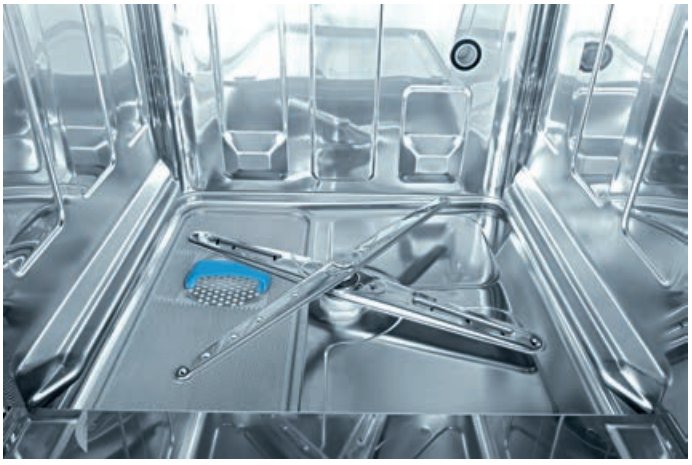
- **Uncomplicated operation thanks to the fully electronic control** with 3 program cycle times
- Highly intuitive blue operating concept **eliminates risk of operator errors**
- **Always a clean wash chamber** through the intuitive self-cleaning program and tank cover sieve for selective removal of dirt in the *AktivPlus* fine filter
- **Protects glasses and dishes** with a wash pump with soft start

Quality and long service life

- **Robust for heavy commercial use:** wash and final rinse arms as well as dosing pipes made of stainless steel
- **Remains cool and quiet outside** by double-walled construction with insulation of the door
- **Robust and hygienic** thanks to extended wash chamber with integrated rack guides
- **Protection of the machine components** by stainless steel rear panelling

Simple installation and service

- **Simple ordering, rapid delivery**
- **Plug&play:** complete connection kit for water, waste water and electricity included in scope of delivery
- **Fits everywhere:** drain pump makes installation independent of building discharge height
- **Simple service:** electronic interface and easy service access



Wash chamber always clean thanks to comfortable automatic self-wash program



The ***UPster® U 500 M2*** with optional integrated MEIKO *AktivClean* water softening is a highlight of MEIKO engineering. **No waiting times or operational interruptions:** washing can continue during regeneration. No tank discharge is required. It only has to be topped up with salt. **Complete operating assurance:** the LED salt level indicator ensures complete control.

UPster® U 500 G / U 500 M2

Everything for greater cleanliness and hygiene



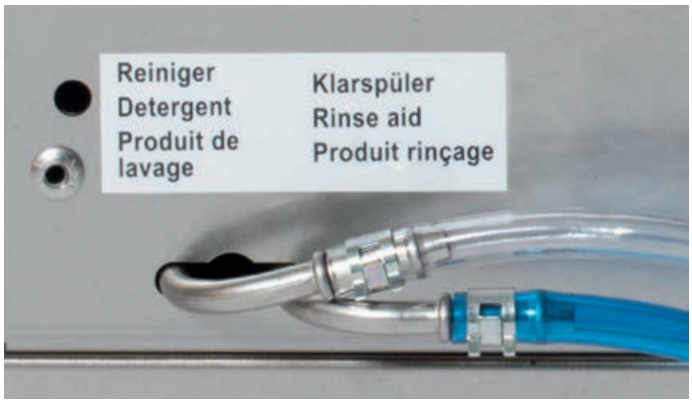
The *AktivPlus* wash water filter system:
This means multiple filtered tank water and backup coarse screening for the pump – with easy handling of the system designed in. And that pays real dividends, producing sparkling cleanliness with minimal water consumption – just 2.6 litres of fresh water per wash cycle!



Consistently excellent wash results:
Economical 11 litre capacity of wash tank. Just the right amount, which is rapidly and with noticeable effect regenerated by the continuous fresh water final rinse.



A clean piece of work:
The deep-drawn, generously dimensioned washroom is easy to clean and clear. This is in part also due to the integrated rack guides and consistently rounded off corners.



The prerequisites for a long service life:
Robust engineering and premium materials make the *UPster*® so reliable. Stainless steel, also for the dosing pipes, is therefore a must.



Quick, economical and reliable installation:
Thanks to the connection kit for water, waste water and electricity, every MEIKO *UPster*® is rapidly set up and even more quickly connected. The built-in drain pump can also connect to on-site drains outlets up to 700 mm in height.

The clean solution

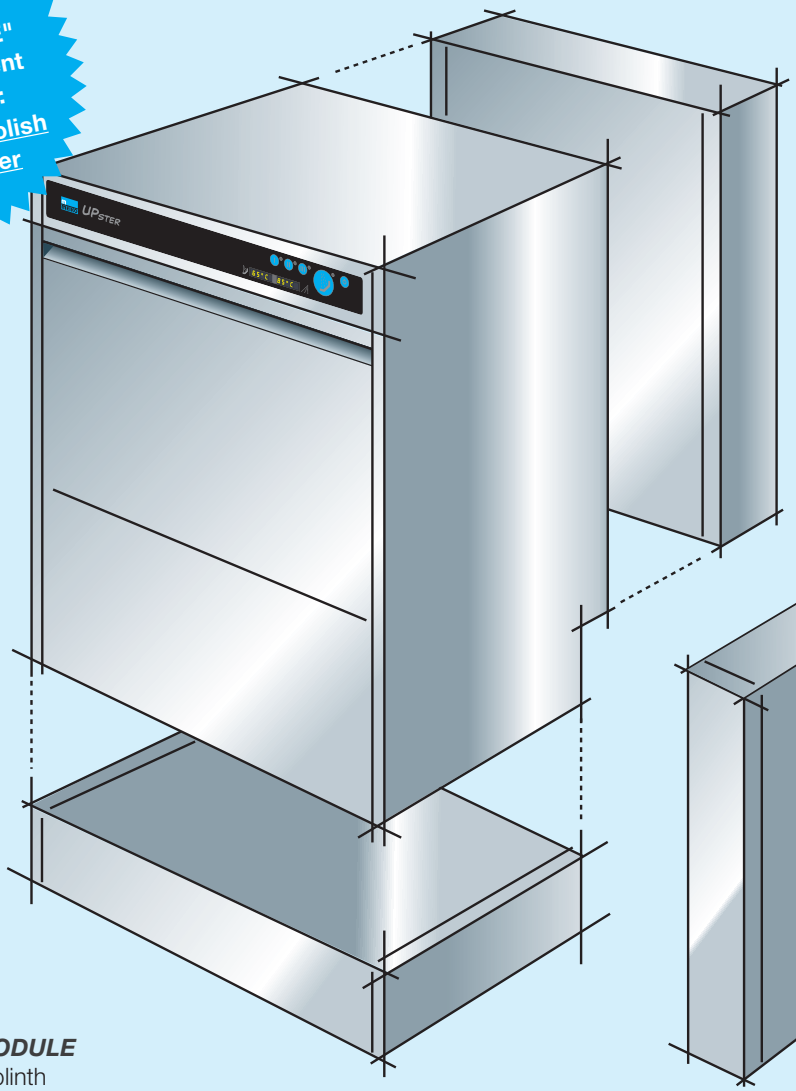
MEIKO GiO MODULE – everything always brilliantly clean

Clean dishes and dry glasses are an absolute must. With the MEIKO *GiO MODULE* you will always shine because it ensures perfect washing results and a brilliant finish. Meaning that manual polishing was yesterday.
The MEIKO *GiO MODULE* is the reverse osmosis system for first class water treatment. With a purity of approx. 98 %, it produces almost completely desalinated water. The economic and environment-friendly way to perfectly shiny, clean and hygienically clean dishes.

The advantages of the MEIKO *GiO MODULE* at a glance:

- spotless wash and drying result
- valuable time savings:
  – no manual polishing up
  – faster loading and unloading
- fewer glass breakages
- no space wastage due to compact machine dimensions
- complete connection kit included in scope of delivery
- fully integrated into the dishwasher's control system

With the MEIKO "GiO MODULE" water treatment technology: No need to polish glasses ever again!



MEIKO *GiO MODULE*
on the rear panel
of the machine
Dimensions (D):
90 mm

MEIKO *GiO MODULE*
in the machine plinth
Dimensions (H):
120 mm or 150 mm

MEIKO *GiO MODULE*
supplied separately
Dimensions (H x W x D)
600 x 140 x 550 x mm

UPster® H 500 M2

Dishwashing is now almost a pleasure



The clean solution

The MEIKO *UPster® H M2* is designed for tableware and coffee cups, but also ideal as a high-performance dishwasher for glasses. With its sleek, easy-clean stainless steel surfaces and clearly designed, user-friendly operating panel, it offers impressive visual appeal from the outside. But things get even better on the inside: optimised wash and final rinse system, perfected tank design and a unique filter system.



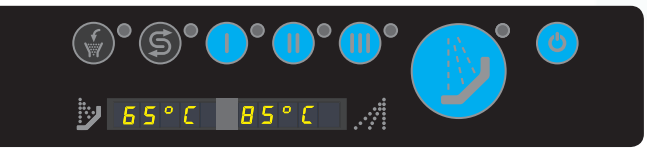
UPster® H 500 M2

Ergonomic design and performance

Warewashing convenience in premium quality: the *UPster® H 500 M2* offers powerful cleaning in an easy-to-use package. Even wide or high washware can be simply and conveniently pushed into the *UPster® H 500 M2* sideways. Now simply press down the hood grip and off you go: the automatic program start initiates the wash operation. Another plus: when you open the vapour escapes to the rear and not into the face of dishwashing personnel. With some much operator comfort, the job almost becomes a pleasure!

UPster® H 500 M2
Passing height
H 440 mm
Rack size
500 x 500 mm
Rack capacity
up to 40 racks/h
Comfort options:
- MEIKO *AirConcept*
- MEIKO *GiO MODULE* technology (fig.)
- Water change program





The ***UPster® H 500 M2*** with optional integrated MEIKO *AktivClean* water softening is a high-light of MEIKO engineering. **No waiting times or operational interruptions:** washing can continue during regeneration. No tank discharge is required. It only has to be topped up with salt. **Complete operating assurance:** the LED salt level indicator ensures complete control.

The clean solution

UPster® H 500 M2

All the plus points at a glance

Comfort options:

- **Improved indoor environment with** MEIKO *AirConcept*
- **Spotless brilliance with** MEIKO *GiO MODULE*
- **Water change program** for uncomplicated reconditioning of wash water

The *UPster® H 500 M2* in figures

- **More than enough space for big and small**, for example euro trays, large dishes and tall glasses: passing height 440 mm
- **A lot of space of glittering wash results:** rack size 500 x 500 mm
- **Economical water consumption:** 2.6 l per wash cycle

Cleanliness and hygiene assurance

- **Hygiene assurance without compromises** thanks to digital temperature display for wash and final rinse temperatures, and permanent temperature control
- **Excellent washing results** due to excellent wash water filtration and optimum tank water regeneration with the *AktivPlus* wash water filter system
- **Optimum drying:** due to the inbuilt gradient in the wash and final rinse systems as well as the washing compartment ceiling, no drops fall on the cleaned washware
- **Consistent, reliable cleaning results:** Thanks to the pressure booster pump cleans the *UPster® H 500 M2* independently of the mains water pressure
- **High operating reliability** due to leak detection in base tray

Comfort and serviceability

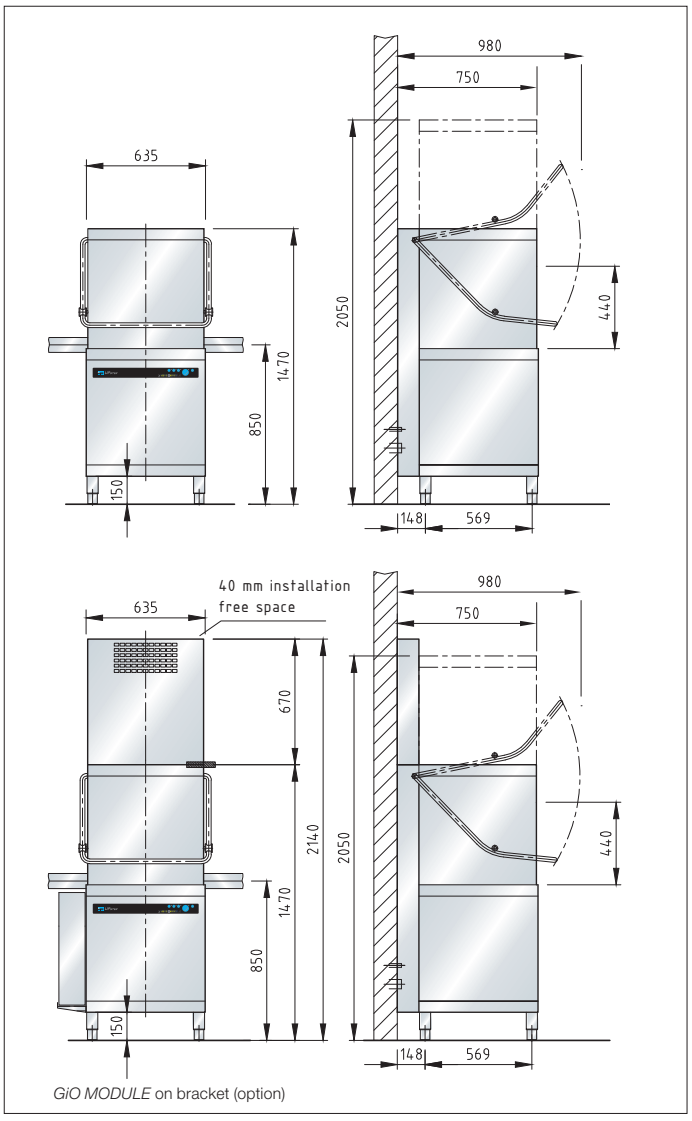
- **Uncomplicated operation with automatic program start:** simply press down the hood grip to start the program
- Easy to understand blue operating concept **eliminates risk of operator errors**
- **Always a clean wash chamber** through the intuitive self-cleaning program and tank cover sieve for selective removal of dirt in the *AktivPlus* fine filter
- **Protects glasses and dishes** with a wash pump with soft start

Quality and durability

- **Robust for heavy commercial use:** wash and final rinse arms as well as dosing pipes made of stainless steel
- **Remains cool and quiet outside** by double-walled construction with insulation of the hood

Simple installation and service

- **Simple ordering, rapid delivery**
- **Plug&play:** complete connection kit for water, waste water and electricity included in scope of delivery
- **Fits everywhere:** drain pump makes installation independent of building discharge height
- **Simple service:** electronic interface and easy service access



GiO MODULE on bracket (option)

UPster® H 500 M2
with MEIKO *AirConcept*

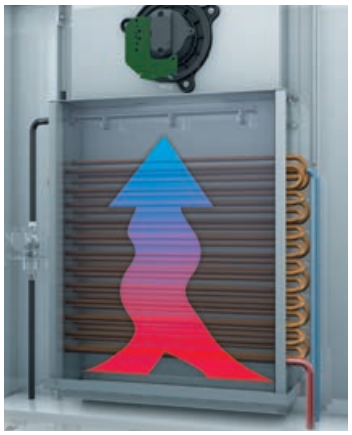


Bad air can take a hike

Steam and heat in the wash-up area are not only extremely uncomfortable and unpleasant for personnel, but also the most common cause of mould. The MEIKO *AirConcept* puts an end to this: it works hard to create an optimum hygiene, cleanliness and a better indoor climate. The MEIKO *AirConcept* noticeably improves the room climate and saves money. The steam discharge into the room is reduced by up to 80 %. But it's more than just a comfort feature. What's more, it uses waste heat to heat up the rinse water, saving energy consumption by up to 18 %. This is good for your employees and for the environment. Another highlight of the MEIKO *AirConcept* is the reliable self-cleaning function: Integrated cleaning nozzles keep the system hygienically clean after the end of the operation without consuming additional water. A really clean piece of work!

MEIKO *AirConcept*
All the plus points at a glance

- up to 80 % less steam discharge
- perceptibly improved interior climate
- greater hygiene assurance
- energy savings of up to 18 %
- accelerated self-drying of washware



Vapour extraction with self-cleaning at end of shift

Technical data		UPster® H 500 M2
Self-cleaning feature (without additional water consumption)		Built-in cleaning nozzles
Vapour extraction (extended cycle time)	s	30
Reduction of heat emission into the room	kW	1.3
Exhaust air temperature (at feed water temperature of 12 °C)	°C	approx. 25
Reduction of steam released into the room		80 %
Reduction of connected load	kW	1.5

UPster® H 500 M2
with MEIKO *GiO MODULE*

The clean solution

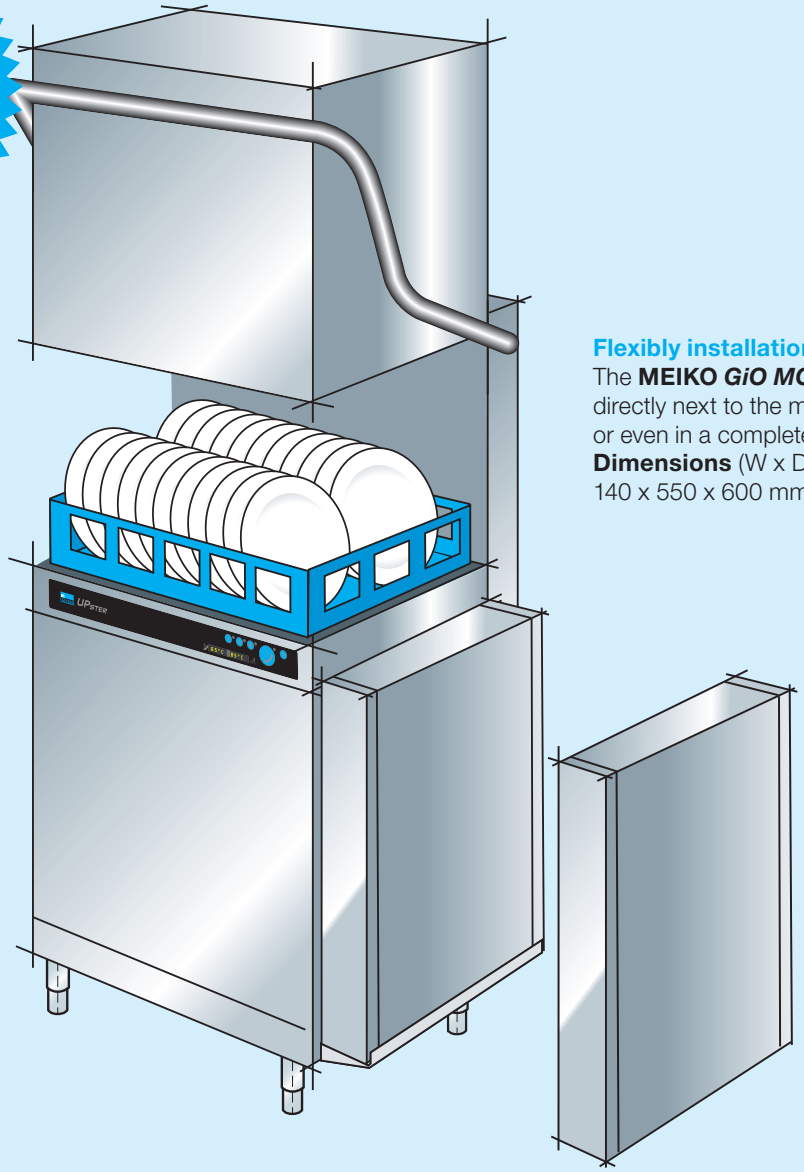
MEIKO GiO MODULE – everything brilliantly clean

Clean dishes and dry glasses are the visiting card of any catering operation. The MEIKO *GiO MODULE* creates that vital optimum first impression. The result is perfect washware without streaks and with spotless brilliance. Hand drying becomes a vague memory. The MEIKO *GiO MODULE* is the reverse osmosis system for first class water treatment. With a purity of approx. 98 %, it produces almost completely desalinated water. The economic and environment friendly way to perfectly shiny, clean and hygienically clean washware.

The advantages of the MEIKO GiO MODULE at a glance:

- spotless wash and drying result
- valuable time savings:
  – no manual polishing up
  – faster loading and unloading
- fewer glass breakages
- no space wastage due to compact machine dimensions
- complete connection kit included in scope of delivery
- fully integrated into the dishwasher control system

With the MEIKO "GiO MODULE" water treatment technology: No need to polish glasses ever again!



Flexibly installation:
The **MEIKO *GiO MODULE*** can be installed directly next to the machine, in its proximity or even in a completely different room.
Dimensions (W x D x H)
140 x 550 x 600 mm

UPster® H 500 M2
Detailed engineering

The comfort functions



Elegantly simple: the wash chamber
Cleverly designed, easily removable strainer screens cover the wash tank below.
NEW! Blue operating concept, further optimised wash arm.



Clean: the *AktivPlus* wash water filter system
Fine filter system which works in tandem with the strainer screens to provide optimum wash water through multiple filtration. That means the tank water stays clean longer, ensuring the best and most hygienic cleaning results.

Quick and safe: the installation

Easy-to-use connection kit for water, waste water and power. The built-in drain pump allows waste discharge up to a height of 700 mm.



The height of convenience: 440 mm usable passing height
Easily accommodates euro trays, large items dishware, tall glasses etc.



Ergonomic handling thanks to all-around hood grip
Simply press down the hood grip to start the program.

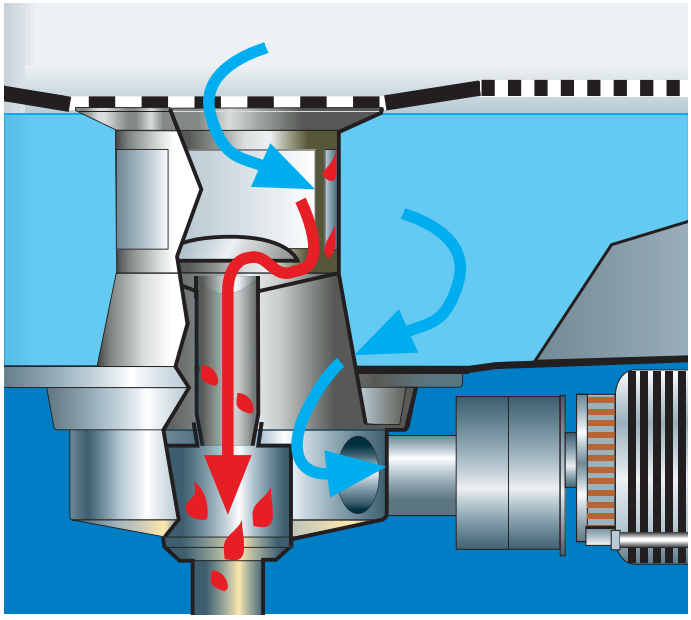
MEIKO
The clean solution

Safety first



Only robust engineering and premium materials guarantee top-quality cleaning results
Therefore only stainless steel was good enough for our wash and rinse arms.

The MEIKO *AktivPlus* wash water filter system



Outstanding cleaning results
thanks to multiple filtration of tank water.

The water change program (option)

Replace the water in the tank at the touch of a button, and continue rinsing immediately with fresh new water. This simple, fully automatic process – ensures hygienic rinsing and optimum results.

Water leak detection system in base driptray



High operating reliability thanks to the water leak detection system, optimum protection of all built-in components.

UPster®
Customised planning, installation and loading

Whether in a straight line or around a corner: The ideal design of the MEIKO *UPster® H 500 M2* creates almost unlimited installa-tion options. For the most effective wash organization, MEIKO offers a comprehensive product range with numerous other table variants.

From a simple roller conveyor table to a complete dishwashing station with integrated glasswasher - there are (almost) no limits to the possibilities.
Talk to us! The experts from MEIKO are happy to design an individual solution for you.



Combined and ready for all requirements

MEIKO
The clean solution



Classic and clean lined



Around the corner, saving a lot of space



UPster® H M2 hood type dishwashing machine

Quick Service Restaurants

A reliable clean and spotless hygiene.

Don't go looking for menu cards at Burgerlich. Place your order using a tablet and you'll have your personalised burger with homemade chips and sides before you know it. You can see just how well oiled this machine is at lunchtimes when an average of 200 meals are served in 150 min. That kind of feat can only be achieved when the warewashing technology can keep up. The crockery needs to be hygienically clean and it needs to get there fast!

MEIKO has not only particularly fast but also particularly smart solutions for this. The technology is easy to use, too – without any compromises in purity and hygiene. A MEIKO machine ensures safety for users and guests. At the Burgerlich, they know the recipe that makes guests feel comfortable. The ingredients are cleanliness and soul food – or simply good food and MEIKO.



Sven Freystatzky, CEO of Quick Service Restaurant **Burgerlich,** Gänsemarkt, Hamburg, Germany

‘I think MEIKO offers the cleverest solutions for assuring hygiene.’

MEIKO
The clean solution

MEIKO dishwashing machines
for Quick Service Restaurants



UPster® U 500 G



UPster® U 500 M2



UPster® H 500 M2

UPster® U M2 / UPster® H M2
Clean solutions in all sizes

The clean solution

Technical data		UPster® U 500 G		UPster® U 500 M2		UPster® H 500 M2
		230 V	400 V	230 V	400 V	400 V
Tank heating	kW	2.0		2.0		2.0
Boiler heating	kW	2.0	6.0	2.0	6.0	7.5*
Pump output	kW	0.55		0.55		0.75
Total connected load	kW	3.0	7.0	3.0	7.0	10.6
Final rinse	l/rack	2.6		2.6		2.6
Tank capacity	l	11.0		11.0		22.0
Entry height/passing height	mm	315		420		440
Rack dimensions	mm	500 x 500		500 x 500		500 x 500
Program cycle times**	s	90/180/240		90/120/240		90/150/210
Theoretical						
rack capacities	up to racks/h	40/20/15		40/30/15		40/24/17
plate capacities	up to plates/h	720		720		720
glass capacities	up to glasses/h	1,440		1,440		1,440

* Option of increased heat output available (at no extra cost).
** If the machine is connected to a cold water supply and/or if baskets are inserted in quick succession, the duration of the wash cycles may be increased to achieve hygienic final rinse temperatures.
Please note that the design of ventilation systems for wash-up areas must comply with VDI 2052 regulations.

UPster® U 500 G, UPster® U 500 M2

Electrical installation

Electrical connection: Three phase 3/N/PE, 400 V, 50 Hz; or with alternating current on site 1/N/PE, 230 V, 50 Hz.
Boiler and tank heating electrically interlocked so that both cannot be operated at the same time. Circuitry complies with the requirements of the Association of German Electrical Engineers (VDE).

Water installation

The machines can be connected directly to the fresh water supply without the use of intermediate safety valves.
Minimum flow pressure 0.6 bar, maximum pressure 5 bar.
The installation requirements of EN 1717 must be observed.
Drain DN 22 (fitted inside the machine as siphon).
Connecting hoses can be positioned below the machine or to the left or right.
(1 bar = 100 kPa)



For sustainable hygiene and impressive washing results, MEIKO recommends cleaning and hygiene products made by **MEIKO** ACTIVE.

UPster® H 500 M2

Electrical installation

Electrical connection: three phase (3/N/PE, 400 V, 50 Hz).

Water installation

The machines can be connected directly to the fresh water supply without the use of intermediate safety valves.
Min. flow pressure 0.6 bar, max. pressure 5 bar.
The installation requirements of EN 1717 must be observed.
Drain DN 22. Connecting hoses can be positioned below the machine or to the left or right.

UPster® U 500 G, UPster® U 50 M2, UPster® H 500 M2
GiO MODULE

Cold water connection (max. 35 °C), min. flow pressure 1 bar, max. pressure 5 bar. Conductivity of raw water <1000 µS/cm.
Total water hardness max. 28 °dH.
Connection kit: 1 m reinforced hose, stop valve, 10 µm filter with activated carbon, pressure regulator, 2 m reinforced hose to machine.
Drain kit: concentrate drain hose approx. 2 m, drain piping incl. backflow preventer. Free discharge type AA as per EN 1717.
Permeate line and electrical cable between machine and separate *GiO MODULE* approx. 3 m. When using the *GiO MODULE* a backflow preventer is required for the mains water supply to ensure DIN-compliant operation as per EN 1717 (optional).
(1 bar = 100 kPa) (1 °dH approx. 0.18 mmol/l $CaCO_3$)

Distributor:

chef's hat
Where the chefs shop

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SGS TÜV SAAR ISO 9001 ISO 14001 ISO 45001 ISO 50001

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We reserve the right to amend specifications as part of our product improvement process.