

M-iClean U

Undercounter dishwashing machines for glasses, dishes and utensils



The new
generation
M-iClean U
with **ComfortAir**
heat recovery
and fully integrated
reverse osmosis
GiO MODULE



A woman with glasses and a white t-shirt is working at a commercial kitchen counter. She is leaning over a stainless steel sink, and her hand is visible near a faucet. The background shows more kitchen equipment, including a large stainless steel pot and a sink. The lighting is warm and focused on the woman and the equipment.

Quality made by MEIKO

Recognised worldwide as a promise of cutting-edge technology, great design and innovative engineering. And MEIKO does not stop there: we take a holistic attitude to quality, ensuring our products, processes and services are all of the highest calibre – giving you peace of mind about the reliability of your investment.

The new *M-iClean U* undercounter dishwashing machine range: we've kept the name, but everything else has been reworked. It still has a *GiO MODULE* – but now it's completely integrated. That saves space, as well as installation and maintenance costs. What about heat recovery? Yes, and now it is highly efficient. The name: *MEIKO ComfortAir*. Removes up to 80 %* of steam for convenient, comfortable and super speedy warewashing. And the hygiene? Top notch, of course. The fresh water circulates in a completely separate system.

* All values based on savings achieved using the *ComfortAir* heat recovery system.



M-iClean – the signal concept

Outstanding results in a visually striking package

You can see from the very first glance: the *M-iClean* is the start of a whole new chapter in technology and design. From its striking LED indicator handle to its silky matt stainless steel body and bright, clearly arranged interior, the *M-iClean* is quite clearly in a league of its own. Innovative technology and clean lines are the order of the day, right down to the very last details.

And the *M-iClean* also throws warewashing into a colourful new dimension with an LED indicator handle that glows blue, green or red. This is how the machine clearly and visibly communicates its status: blue means 'ready for operation', flashing green is 'washing efficiently' and red indicates an 'important message'.

This revolutionary feature is designed to ensure maximum availability and efficiency. Beauty, simplicity and intelligence.

The LED indicator handle is the signature feature of the M-iClean

The *M-iClean* catches the eye immediately thanks to its striking LED indicator handle. The handle boasts an elegant design, smooth action and provides a useful indication of the machine's status. Always cool to the touch and remarkably satisfying to use, it gives the *M-iClean* a look that is entirely unique. Directly above the LED indicator handle is the ergonomic display which acts as the *M-iClean*'s control panel. All the available functions appear as clearly identifiable icons, while the dynamic progress bar shows how much of the wash cycle has already been completed. Open the *M-iClean*'s door and you are in for a sparkling treat: the LED lighting gives a great view of the machine's interior as it glitters off the bright stainless steel surfaces. *M-iClean* – the brightly coloured face of a new generation of dishwashing machines.

M-iClean: say goodbye to dull routines!

Warewashing just got a lot more colourful. As well as lifting people's moods and boosting motivation, the colour-coded *M-iClean* LED indicator also passes on important information to the machine operator.



M-iClean – the blue operating concept

If only everything else was this simple

Clarity is the number one priority. The *M-iClean* is tremendously reliable and easy to operate: working by colours. Any part of the machine that is coloured blue or illuminated in blue can be touched, operated or cleaned. This colour code prevents operator errors and accidental interruptions to the wash process.

The blue-lit glass display only ever shows the exact functions that can be performed at that specific moment in time. And the dynamic blue progress bar clearly indicates how much of the programme cycle has already been completed. The blue components inside the machine, such as the practical *M-iClean filter*, are the components that can easily be checked or cleaned by the machine operator.



MEIKO Private Label: the welcome screen can be individually configured with a logo. You can even save up to three different images as screen savers, such as contact details for the service team.

The *M-iClean*'s glass display provides all the key information at a glance. One-touch operation makes it easy for machine operators to navigate through the programme options.

M-iClean – the efficient wash system

Technology can be beautiful

Two become one: the *M-iClean* uses a specially designed, stainless steel combined wash and rinse arm which harmoniously combines the machine's *wash* and *rinse* functions.

The benefits:

- Spray reaches all areas
- Durable, robust material
- Incredibly easy to clean

As well as being more efficient, the combined wash system is also more attractive and aesthetically appealing. That's *M-iClean*.

Easy to clean, zero hassle

The *M-iClean filter* is easy to remove and clean. For the ultimate in user-friendly cleaning, simply pull out the filter to remove any accumulated dirt. Of course, the fact that it's blue clearly tells you, 'I'm part of MEIKO's blue operating concept. You can take me out, clean me and pop me back in. Just like that!'

For extra peace of mind, the *M-iClean* automatically checks that you've put everything back in the right place.



All-in-one: the combined *M-iClean* wash and rinse arm.



Easy to pop out, simple to clean: the *M-iClean filter*.



A clean solution:
the practical *M-iClean filter*.

Smart ways to save resources

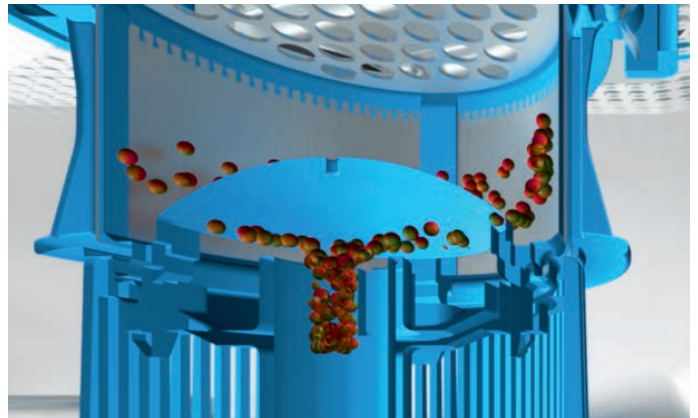
Life isn't just black and white, there are so many gradations in between – and that's the principle behind *M-iClean* technology, too. The *M-iClean* uses an intelligent energy management system to gradually shift its functions into standby mode when it's idle. This scale of standby levels means you use less electricity. By having a progressive series of power-saving modes instead of just one standby status, the *M-iClean* demonstrates the power of progress through smart engineering.

Making the best use of water and energy

The *M-iClean filter* effectively removes dirt, thereby vastly reducing how much detergent and clean water are needed. The *M-iClean* wash programmes are designed with users in mind, offering the best balance of cleanliness and cost-effectiveness. For excellent washing results. That is green cleaning in action.



Maximum cleanliness down to the very last corner with optimal use of resources.



Keeping things perfectly clear: the *M-iClean filter*.



The *M-iClean* uses as much stainless steel as possible to ensure maximum reliability – the dosing pipes are just one example (and this even applies to the interior).

M-iClean – GiO MODULE technology

NEW!
M-iClean U with
fully integrated
GiO MODULE

Reverse osmosis technology to demineralise your wash water

The MEIKO *GiO MODULE* – the MEIKO technology to demineralise your wash water – a fully integrated part of the new *M-iClean U* (optional). That includes the complete reverse osmosis module and the fine filter. It removes almost all

foreign substances, minerals, bacteria and viruses from the water. MEIKO *GiO MODULE* technology provides high-purity wash water and thus brilliant washing results, without the need to polish.



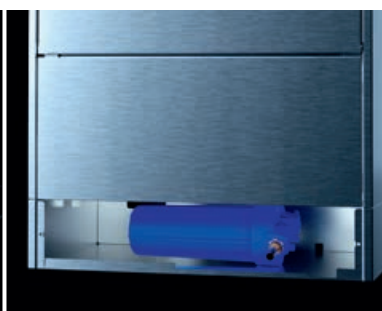
MEIKO *GiO MODULE*
close by machine or
e.g. in another room
Dimensions (W x H x D)
140 x 550 x 600 mm



MEIKO *GiO MODULE*
integrated into lower part of plinth
Dimensions (H):
options: 120 mm or 150 mm



MEIKO *GiO MODULE*
to rear of machine
Dimensions (D):
90 mm



The compact structure and the pre-integrated MEIKO *GiO MODULE* reduce space requirements and eliminate the need for pre-installation or alterations. That saves you time, space and money.

GiO MODULE separated from fresh water supply according to EN 1717, no additional backflow prevention. The fine filter can be replaced quickly and easily by the operator so you don't have to wait for a service technician and, most importantly, there are no unnecessary maintenance costs.

MEIKO ComfortAir – the new heat recovery system

The new **M-iClean U** with innovative heat recovery system: **MEIKO ComfortAir**

Washing much faster and saving much faster:

The new *M-iClean U* saves an entire 30 seconds per wash cycle using the innovative *ComfortAir* heat recovery system, featuring a new design and a larger heat recovery tank than the previous model. Saving time and resources: the operating costs are reduced by up to 21 %.

Opening the dishwashing machine with almost no steam:

The air is clear even after opening the door after the wash cycle. No hot steam hitting wash personnel in the face, no fogged-up glasses, no moisture on furniture. The staff are

immediately excited about the pleasant indoor climate – and very motivated at work.

Almost dry: the new heat recovery system

MEIKO *ComfortAir* condenses even more moist steam on the internal wall of the machine. That means that by the end of the cycle, the residual moisture is down by up to 98 % on the plates and up to 75 % on the glasses, so your washware is ready for use again after a short time. In addition, water treatment in the form of a reverse osmosis system, the MEIKO *GiO MODULE* (optional), which is fully integrated into the machine, ensures the purest wash water and thus brilliant washing results without polishing.

With no heat recovery system



With the new heat recovery system



The new heat recovery system, MEIKO *ComfortAir*: larger stainless steel heat exchanger surface for faster cooling. Opening the dishwashing machine with almost no steam: the air is clear even after opening the door after the wash cycle. No hot steam hitting wash personnel in the face, no fogged-up glasses, no moisture on furniture.

M-iClean US – glasswasher

So small and yet so powerful

**Comfort options:**

- MEIKO *ComfortAir* heat recovery system
- MEIKO *GiO MODULE* technology
- Water change programme

Entry height

H 315 mm

Dimensions

H 700-735 mm, W 460 mm, D 600 mm

Reverse osmosis module in base of plinth

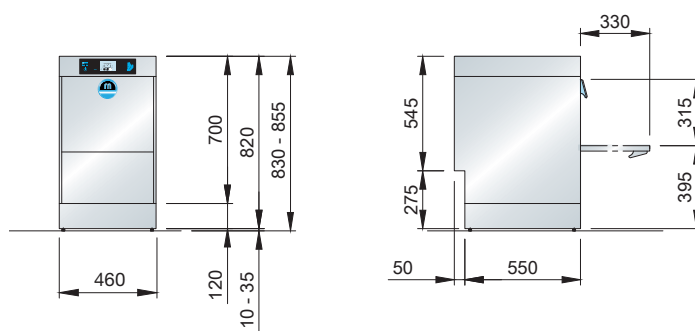
H 120 mm

Rack size

400 x 400 mm

Rack capacity

up to 40 racks/hour



M-iClean UM – glasswasher

Outstanding cleanliness in bistros and cafés

**Comfort options:**

- MEIKO *ComfortAir* heat recovery system
- MEIKO *GiO MODULE* technology
- Water change programme
- Cold water rinse

Entry height

H 315 mm

Dimensions

H 700-735 mm, W 600 mm, D 600 mm

Reverse osmosis module in base of plinth

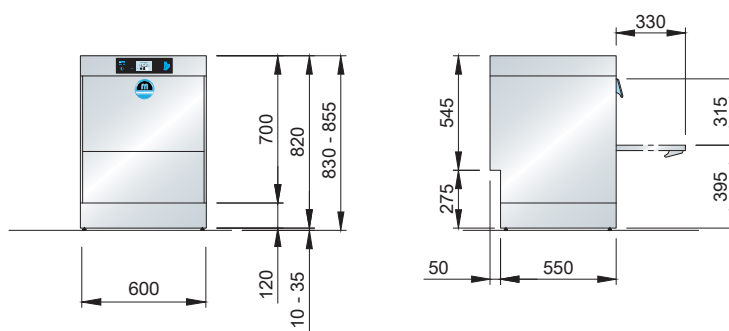
H 120 mm

Rack size

500 x 500 mm

Rack capacity

up to 40 racks/hour



M-iClean UM+ – dishwashing machine

The specialist with large entry height

**Comfort options:**

- MEIKO *ComfortAir* heat recovery system
- MEIKO *GiO MODULE* technology
- Water change programme

Entry height

H 435 mm

Dimensions

H 820-855 mm, W 600 mm, D 600 mm

Reverse osmosis module in base of plinth

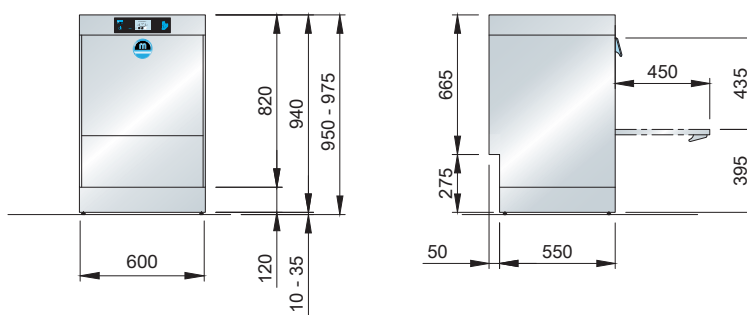
H 120 mm

Rack size

500 x 500 mm

Rack capacity

up to 40 racks/hour



M-iClean UL – glass, utensil and dishwasher

The expert for bakeries and butcher shops

**Comfort options:**

- MEIKO *ComfortAir* heat recovery system
- MEIKO *GiO MODULE* technology
- Water change programme

Entry height

H 435 mm

Dimensions

H 820-855 mm, W 600 mm, D 680 mm

Reverse osmosis module in base of plinth

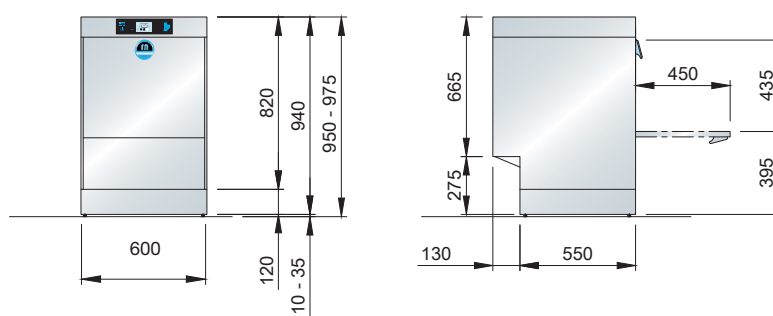
H 120 mm

Rack size

500 x 500 mm to 600 x 500 mm

Rack capacity

up to 40 racks/hour



M-iClean UM+ / UL – ergonomic extras



M-iClean UM+ / UL
more ergonomic, with
lower cupboard and
base frame

Cupboard height
400 mm

Base frame height
150 mm

M-iClean U – technical information

Country version: Germany

Three-phase current: 3 NPE, 400 V, 50 Hz

Alternating current: 1 NPE, 230 V, 50 Hz

Fresh water supply: soft cold water 0-3 °dH

M-iClean U		US		UM		UM+		UL	
		400 V	230 V	400 V	230 V	400 V	230 V	400 V	230 V
Rack capacity (theoretical)	racks/h	40/30/20	20/20/15	40/30/20	20/20/15	40/30/15	20/20/15	40/30/15	20/20/15
Programme cycle time (cold water)	s	90/120/180	180/180/240	90/120/180	180/180/240	90/120/240	180/180/240	90/120/240	180/180/240
Rack size	mm	400 x 400		500 x 500		500 x 500		500 x 600 (500)	
Entry height	mm	315		315		435		435	
Dimensions	W x Hmin x D/mm	460 x 700 x 600		600 x 700 x 600		600 x 820 x 600		600 x 820 x 680	
Total connected load	kW	6.7	2.7	6.7	2.7	6.7	2.7	6.7	2.7
Fuse protection on site	A	16		16		16		16	
Degree of protection on machine		IP X5		IP X5		IP X5		IP X5	
Equipment		Control system: MIKECPU4/Bluetooth interface for wireless communication/water leak detection Temperature-dependent wash time increase/automatic self-cleaning feature when emptying tank							
Fresh water supply		Type AB air gap according to EN 1717 with pressure booster pump							
Fresh water supply		Minimum flow pressure 60 kPa/0.6 bar upstream of the solenoid valve Maximum pressure 500 kPa/5.0 bar Max. feed water temperature 60 °C							
Flow rate	l/min	3		3		3		3	
Rinse water volume	l/wash cycle, variable	1.9		2.4		2.4		2.8	
Boiler	content/l	7.0		7.9		7.9		7.9	
	Heating/kW	6.00	2.00	6.00	2.00	6.00	2.00	6.00	2.00
	Temperature/°C	65		65		83		83	
	Tank and boiler heating locked	✓		✓		✓		✓	
Wash tank	fill/l	7.5		11.0		11.0		11.0	
	Heating/kW	2.00		2.00		2.00		2.00	
	Temperature/°C	60		60		60		60	
Wash pump, with frequency converter	power/kW	0.50		0.50		0.50		0.50	
Rinse aid dosing		Hose pump (24 V) with time control and suction lance							
Detergent dosing		Hose pump (24 V) with time control and suction lance							
Material	cladding	1.4301							
	Wash tank	1.4301							
	Boiler	1.4571							
Heat emission,	total/kW	1.4		2.1		2.1		2.1	
for 20 programme runs/h	sensitive/kW	1.0		1.4		1.4		1.4	
	latent/kW	0.4		0.7		0.7		0.7	
Supply air stream	m³/h	340		540		540		540	
Steam emission	kg/h	0.7		1.0		1.0		1.0	
Volume	dB(A)	58		60		61		62	
Net/gross weight	kg	56,0 / 67,7		63,0 / 74,8		74,0 / 86,0		77,0 / 89,5	
with standard packaging									
Packing size	W x H x D/mm	500 x 900 x 690		700 x 1050 x 700		700 x 1050 x 700		700 x 1050 x 770	
standard packaging									

If the machine is connected to a cold water supply and/or if racks are inserted in quick succession, the duration of the wash cycles may be increased to achieve hygienic final rinse temperatures.

The water change programme increases the duration of the programme cycle time.

Electrical installation: electrical connection: three-phase current 3 NPE 400 V, 50 Hz, can be converted to alternating current 1 NPE, 230 V, 50 Hz on site. Fuse protection: 16 A.

Water installation: machines can be connected directly to the fresh water connection without the use of intermediate safety valves. Minimum flow pressure 0.6 bar, maximum pressure 5 bar. The fresh water connection must be installed in accordance with the regional regulations (e.g. Germany DIN 1988/EN 1717)

Drain hose DN 22. Max. height of on-site drain outlet on wall 700 mm. Connecting cables reach approx. 1.4 m from machine.

GiO MODULE (all models): cold water connection (max. 35 °C), minimum flow pressure 1 bar, maximum pressure 5 bar. Conductivity of raw water 70-1,000 µS/cm.

Total water hardness max. 28 °dH.

10 µm filter with integrated activated carbon.

Connecting line between machine and freestanding GiO MODULE approx. 3 m.

Drain hose DN 22.

On-site drain outlet max.:

M-iClean US, M-iClean UM 420 mm / M-iClean UM+ 540 mm

GiO plinth, 120 mm: M-iClean US, M-iClean UM 540 mm / M-iClean UM+, M-iClean UL 660 mm

GiO plinth, 150 mm: M-iClean US, M-iClean UM 570 mm / M-iClean UM+, M-iClean UL 690 mm.

(1 bar = 100 kPa) (1 °dH approx. 0.18 mmol/l CaCO₃)



The clean solution



Complies with the hygiene requirements of DIN SPEC 10534.



Programme Overview

Undercounter dishwashers, hood type dishwashers,
utensil washers



UPster® U / UPster® H – professional warewashing technology for new entrants, upgraders and shrewd spenders

The MEIKO **UPster®** offers cleanly designed technology at a fantastic price. That gives both entrants and upgraders the fastest route to a sparkling future. Enjoy a whole host of benefits that **UPster®** features: quick and easy ordering and delivery, versatile uses, modern design, added bonus of a third wash programme and the proven MEIKO quality such as the durable stainless steel dosing pipes.

UPster® U 400

Get glassware and washware sparkling clean in no time!

Easy to use with an intuitive key pad. Plus double-walled heat insulation to keep the heat in and minimise energy use.



Entry height

H 300 mm

Dimensions

H 700-730 mm, W 460 mm,
D 600 mm

Rack dimensions

400 x 400 mm

Rack capacity

up to 30 racks / hour

UPster® U 500 G

Fits under nearly every counter

The new **UPster® U 500 G** glasswasher is a robust "all-rounder" for the counter area and will make your glasses shine. Thanks to the top wash system no corner remains dry. The simple operation and the many comfort features ensure a hygienic and convincing washing result. With its lower overall height, the **UPster® U 500 G** fits under nearly every counter. Whether mounted on a plinth, with integrated **GiO MODULE** in the base frame or at the rear of the machine.



Comfort options:

- MEIKO **GiO MODULE** technology

– **under the machine**

(Fig. with **GiO MODULE** in machine plinth)
H 820-850 mm

– **at the rear of the machine**

D 690 mm

– **adjacent to the machine**

or e.g. in another room

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 / hour

UPster® U 500

This machine gets everything perfectly clean

The new *UPster® U 500* handles dishes and glasses as well as larger items of washware with ease. With its appealing, modern design and the use of proven MEIKO technology, the *UPster® U 500* always cuts a fine figure even under the counter. And also the features speak for themselves: spacious wash chamber, comfortable self-cleaning programme, soft start for very gentle washing, three programme cycle times, convincing consumption values. And all for an absolutely fair price. That makes the *UPster® U 500* the cleaning star in the new price/performance class from MEIKO.



Comfort options:

- MEIKO *GiO MODULE* technology
- under the machine
H 940-970 mm
- at the rear of the machine
(Fig. with *GiO MODULE* at the rear of the machine)
D 690 mm
- adjacent to the machine
or e.g. in another room
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 / hour

UPster® H 500

Combines ergonomics and power under one hood

The *UPster® H 500* offers powerful cleaning and best comfort in an easy-to-use package – especially with a high throughput in the dishwashing area. Even large or high washware can be simply and conveniently pushed into the *UPster® H 500* sideways. Now simply press down the hood handle and off you go: the automatic programme start initiates the wash operation. Another plus: when you open it the steam escapes to the rear and not into the face of wash personnel. With so much operator comfort, working almost becomes a pleasure!



Comfort options:

- MEIKO *AirConcept*
- MEIKO *GiO MODULE* technology
(Fig. with *GiO MODULE* on bracket next to the machine)
- water change programme

Passing height

H 440 mm

Dimensions

H 2050 mm,
with MEIKO *AirConcept*
H 2140 mm,
W 635 mm, D 750 mm

Rack dimensions

500 x 500 mm

Rack capacity

up to 40 racks / hour

M-iClean – warewashing technology in premium quality

Quality made by MEIKO: stainless steel, innovative cutting-edge technology, design und ergonomic comfort. The *M-iClean* system from MEIKO sets new standard: for a high functional and investment security.

The new generation of the *M-iClean U* undercounter dishwashing machines: The name is the same. But everything else has been rethought.

GiO MODULE, yes – but now completely integrated. That saves space, as well as installation and maintenance costs. Heat recovery? Yes, and now it is highly efficient. The name: *MEIKO ComfortAir*. Removes up to 80 % of steam. For convenient, comfortable and super speedy warewashing. And the hygiene? Yes. Superlative. The fresh water circulates in a completely separate system.



The new
generation
M-iClean U
With heat recovery system
ComfortAir
and fully integrated
reverse osmosis
GiO MODULE

M-iClean US undercounter dishwashing machine

The *M-iClean H* hood type dishwashing machines offer more power and ergonomics than ever before: with a revolutionary automatic hood system that makes life much easier and more efficient for operators. Clearly reduced wash cycle times, fewer staff absences, and

reduced operating costs. Now fully integrated: the optional water treatment technology on the basis of a reverse osmosis, the *MEIKO GiO MODULE*. That ensures a clean washware free of residues, without requiring any polishing.



M-iClean HL hood type dishwashing machine with *AirConcept* exhaust heat recovery and drying table

The new generation **M-iClean U** –
even faster, even drier and almost no steam when opening the door



The new **M-iClean U** with innovative heat recovery system **MEIKO ComfortAir**

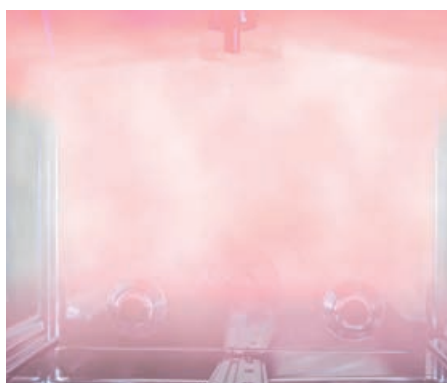
Washing and saving much faster:

The new *M-iClean U* saves an entire 30 seconds per wash cycle using the innovative heat recovery system *ComfortAir*

with a new design and increased size of the heat recovery tank. Saving time and resources: the operating costs are reduced by up to 21 %.



The new heat recovery system MEIKO *ComfortAir*: larger stainless steel heat exchanger surface...



... provides faster cooling. This causes steam to condense on the cool inner wall...



...and practically no steam escapes when opening the machine.



Opening the dishwashing machine with almost no steam: The air is clear even after opening the door after the wash cycle. No hot steam into the face of the wash personnel, no fogged-up glasses, no moisture on furniture. The staff is immediately excited about the pleasant indoor climate – and very motivated at work.

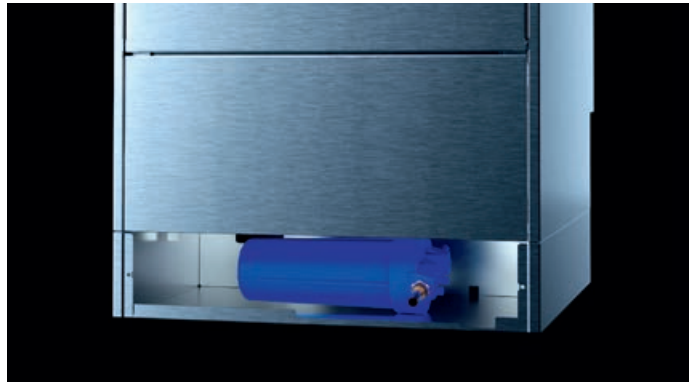
Almost dry: The new heat recovery system MEIKO *ComfortAir* condenses even more moist steam on the inner wall of the machine. That means that by the end of the cycle, the residual moisture is down by up to 98 % on the plates and up to 75 % on the glasses, so they are ready for use again after a short time. In addition, the water treatment in the form of a reverse osmosis system, the MEIKO *GiO MODULE* (optional), which is fully integrated into the machine, ensures the purest rinsing water and thus brilliant washing results without polishing.

On the place, ready to go

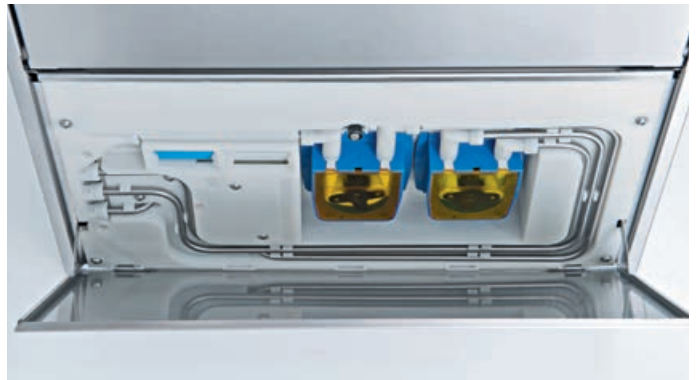
Compact structure and quickly installed: The new *M-iClean U* with the MEIKO reverse osmosis technology *GiO MODULE* eliminates the need for a time-consuming pre-installation or even expensive conversion work, as all the necessary components are installed in the machine. That saves you time, space and money.

MEIKO *Private Label*, the personal touch: MEIKO *Private Label* turns the new *M-iClean U* into a fully customised MEIKO machine. The welcome screen can be individually configured with a logo. In addition, up to three different images can be stored as screen savers, such as contact details for the service team.

Fine thing: the fine filter can be replaced easily and quickly. No annoying waiting for the service technician and above all no unnecessary maintenance costs.



Quality made by MEIKO: Stainless steel instead of plastic, innovative cutting-edge technology and design for a high functional and investment security.



Your benefits:

- saves 30 seconds* per wash cycle
- energy savings of up to 21 %
- up to 80 %* of steam reduction – for a better indoor climate without visible steam emission
- best drying results thanks to the reduction of residual moisture – by up to 98 %* for dishes and up to 75 %* for glasses

*All data compared to previous model. They are shown as maximum values and refer to savings when using the heat recovery system *ComfortAir*.

The new generation **M-iClean U** – stainless steel, innovative cutting-edge technology and design

M-iClean US

So small and yet so powerful

Measuring only 460 x 700 mm, the *M-iClean US* fits perfectly under any counter and is great for washing glasses as well as dishes. Its intuitive operating concept takes all the hassle and effort out of dishwashing. With the new heat recovery system *MEIKO ComfortAir*, the steam is reduced by up to 80 % at the end of the wash cycle. Dishes and glasses are so ready for use after some seconds. As a glasswasher with the *MEIKO GiO MODULE*, the technology for demineralising rinsing water, the glasses will turn out clean and free of residues with no need for polishing. This saves time and cuts down on breakages.



Comfort options:

- *MEIKO ComfortAir* heat recovery system
- *MEIKO GiO MODULE* technology
- Water change programme

Entry height

H 315 mm

Dimensions

H 700-735 mm, W 460 mm,
D 600 mm

Rack dimensions

400 x 400 mm

Rack capacity

up to 40 racks / hour

M-iClean UM

Outstanding cleanliness in bistros and cafés

The *M-iClean UM* striking LED indicator handle offers an optimal overview and a convenient function control. The convenient glass display with intuitive one-touch operation is the control centre of the *M-iClean UM*. With the new heat recovery system *MEIKO ComfortAir*, the steam is reduced by up to 80 % at the end of the wash cycle and also saves valuable and expensive energy. This reduces the operating costs by up to 21 % compared to the previous model. And the best thing: The air is clear even after opening the door after the wash cycle. No hot steam into the face of the wash personnel, no fogged-up glasses.



Comfort options:

- *MEIKO ComfortAir* heat recovery system
- *MEIKO GiO MODULE* technology
- Water change programme
- Final rinse with cold water

Entry height

H 315 mm

Dimensions

H 700-735 mm, W 600 mm,
D 600 mm

Rack dimensions

500 x 500 mm

Rack capacity

up to 40 racks / hour

NEW!
M-iClean U with
fully integrated
GiO MODULE

MEIKO GiO MODULE – Technology for demineralisation of rinsing water

The *MEIKO GiO MODULE* – the *MEIKO* technology for demineralisation of rinsing water – a fully integrated part of the new *M-iClean U* (optional). That includes the complete osmosis module as well as the fine filter. It removes almost all foreign substances and minerals as well as bacteria and viruses. The *MEIKO GiO MODULE* technology provides high-purity rinsing water and thus brilliant washing results, without the need of polishing.



MEIKO GiO MODULE

integrated in lower part of plinth

Dimensions (H):

optional 120 mm or 150 mm



MEIKO GiO MODULE

at the rear of the machine

Dimensions (D):

90 mm



MEIKO GiO MODULE

adjacent to the machine or
e.g. in another room

Dimensions (W x H x D)

140 x 550 x 600 mm

M-iClean UM+

The specialist with large entry height

Thanks to its extra-generous entry height of 435 mm, the *M-iClean UM+* dishwasher can cope with all large washware such as trays. Intelligent monitoring by sensors ensures that a close eye is kept on every aspect of the machine's operation. The optional *GiO MODULE* for demineralising rinsing water offers the best quality of washing and efficiency: No need to polish glasses ever again and much less glass breakages.



Comfort options:

- MEIKO *ComfortAir* heat recovery system
- MEIKO *GiO MODULE* technology
- Water change programme

Entry height

H 435 mm

Dimensions

H 820-855 mm, W 600 mm, D 600 mm

Rack dimensions

500 x 500 mm

Rack capacity

up to 40 racks / hour

M-iClean UL

The expert for bakeries and butcher shops

The *M-iClean UL*, with a rack size of 600 x 500 mm and an entry height of 435 mm, is perfect for washing large racks, trays, and bulky washware. With the MEIKO technology for heat recovery, MEIKO *ComfortAir*, the *M-iClean UL* saves up to 21 % of valuable and expensive energy.



Comfort options:

- MEIKO *ComfortAir* heat recovery system
- MEIKO *GiO MODULE* technology
- Water change programme

Entry height

H 435 mm

Dimensions

H 820-855 mm, W 600 mm, D 680 mm

Rack dimensions

500 x 500 mm

to 600 x 500 mm

Rack capacity

up to 40 racks / hour

M-iClean UM+ / UL

with cabinet base
and base frame

Ergonomic and hygienic extensions

Cabinet bases and base frames in stainless steel create more space and increase operating comfort. The floor clearance this achieves ensures maximum hygiene when cleaning the work area.

Cabinet height

400 mm

Base frame height

150 mm



M-iClean H with automatic hood system – a healthier and more ergonomic workplace



M-iClean H – Efficient, resource saving and perfect washing results

The unique MEIKO ergonomics concept: Designed for ergonomic use, the *M-iClean H* is much easier to load and unload, putting less strain on the operator's back and muscles and speeding up the whole warewashing process.

During comprehensive field testing, our customers have confirmed a time saving of approximately 30 minutes per day (at approximately 120 wash cycles per shift).



Easy and comfortable to load and unload



All it takes to open and close is a gentle touch from the operator



The automatic rack detection system saves on unnecessary handling

Hood type dishwashing machines with automatic hood system for glassware, dishes and utensils



The *M-iClean H* automatically detects when you have finished to load the machine. The hood closes then automatically and the wash cycle starts all by itself – completely without any contact, heaving, dragging or pulling. Instead, you have a little extra time to get on with other chores. The progress indicator on the intuitive and easily accessible operating panel shows how much time is left. As soon as the programme finishes, the hood opens up again, smoothly and silently.

The glasses and dishware can then be moved to the drying table, where the last few drops of water disappear. All that remains is to empty the racks, stack the things away, and you're done.

Adjustable working heights, versatile control system, intuitive, user-friendly operation – the MEIKO ergonomics concept realises a vision: washing without effort or physical strain, while maximising operational efficiency.

Plenty of space under the hood. Whether as a single or a double rack version: there is plenty of space under the *M-iClean H* for everything large or bulky. And the machine produces sparkling clean and hygienic results whatever the washware, from glasses and dishware to pots, pans and baking trays.

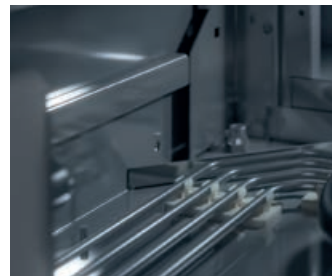


User-friendly and self-explanatory: the blue operating concept. Any parts that are blue can be removed, washed and replaced.

The *M-iClean H* automatically checks that everything has been put back in the right place.



Quality made by MEIKO: Stainless steel instead of plastic, innovative cutting-edge technology and design for a high functional and investment security.



Particularly ergonomic: the flexible operating panel. It is positioned exactly where it is needed – at eye level. So there's no need to bend down, strain your neck, or constantly shift from one place to another. It can be installed on the right or left hand side of the machine, or wherever is most comfortable.

Your benefits:

- Substantial wash cycle time reductions
- Significantly faster drying times
- Dishes ready for re-use faster
- Lower personnel and operating costs
- Reduction in lost working hours
- Easier and ergonomic motion sequences
- Optimum workplace evaluation

M-iClean H with automatic hood system – warewashing technology that saves time and makes life easier for the staff

M-iClean HM

Operating and economising miracle

Easier work, shorter wash cycle times, improved room climate, and perfect results thanks to sophisticated technology. With a flexible display, user-friendly automatic hood system, and blue operating concept.

Comfort options:

- *PowerWash* (3 pump motor settings)
- *AirConcept* exhaust heat recovery (Fig.)
- Waste water heat recovery
- Heat retention
- Water change programme
- Drying module
- MEIKO *GiO MODULE* technology

Passing height

H 505 mm

Dimensions

H 2080 mm,
with MEIKO *AirConcept*
H 2180 mm,
W 635 mm, D 750 mm

Rack dimensions

500 x 500 mm

Rack capacity

up to 60 racks / hour

M-iClean HL

Designed especially for large passing heights

For safe, ergonomic work with a passing height of 560 mm and a rack size of 500 x 500 mm to 650 x 500 mm. The *M-iClean HL* hood type dishwashing machine features innovative technology and top marks for speed and hygiene. It washes dishware, racks, pots and bulky items cleanly and effortlessly with *PowerWash* as a standard feature.

Comfort options:

- *AirConcept* exhaust heat recovery
- Waste water heat recovery
- Heat retention
- Water change programme
- Drying module
- MEIKO *GiO MODULE* technology

Passing height

H 560 mm

Dimensions

H 2190 mm,
with MEIKO *AirConcept*
H 2235 mm,
W 735 mm, D 750 mm

Rack dimensions

500 x 500 mm
to 650 x 500 mm

Rack capacity

up to 60 racks / hour



M-iClean HXL

Twice the performance and comfort

There is room for two racks beneath the spacious *M-iClean HXL* double hood. The machine therefore makes light work of glasses, cutlery and dishware as well as bulky items such as pots, pans and baking trays. Uniquely energy-saving and with maximum economy of up to 120 racks per hour.

Comfort options:

- *PowerWash* (3 pump motor settings)
- *AirConcept* exhaust heat recovery (*Fig.*)
- Waste water heat recovery
- Heat retention
- Water change programme
- Drying module
- MEIKO *GiO MODULE* technology

Passing height

H 505 mm

Dimensions

H 2080 mm,
with MEIKO *AirConcept*
H 2180 mm,
W 1180 mm, D 750 mm

Rack dimensions

2x (500 x 500 mm)

Rack capacity

up to 120 racks / hour

Washing without polishing thanks to the integrated MEIKO GiO MODULE

The MEIKO *GiO MODULE* – the MEIKO technology for demineralisation of rinsing water – a fully integrated part of the new *M-iClean H* (optional). It cleans the water of almost all foreign substances and minerals as well as bacteria and viruses.

The MEIKO *GiO MODULE* provides high-purity rinsing water and thus brilliant washing results, without the need of polishing.



The great value packages*:

- Pure**Energy** Package**
- FeelGood**Climate** Package
- Miraculous**Shine** Package

* We would be delighted to tell you about the price benefits of the value packages and the various options for combining them. Please ask your sales and service partner.

** not available for *M-iClean HXL*

DV and **FV** multifunctional warewashing technology –
full washing power for all types of washware

DV 270.2

For multifunctional washing applications

The utensil washer *DV 270.2* cleans pots, containers, Gastronorm containers, meat moulds, kitchen utensils and any other items difficult to clean hygienically and economically. It can remove even the most stubborn dirt.



Comfort options:

- Automatic hood system with separate buttons for opening and closing the hood
- *Point2 AirConcept* exhaust heat recovery
- MEIKO *GiO MODULE* technology

Passing height

H 650 mm

Dimensions

H 2392 mm,
with *Point2 AirConcept*
H 2510 mm,
W 1490 mm, D 995 mm

Rack dimensions

1310 x 690 mm

Rack capacity

up to 30 racks / hour

FV 130.2

Max. washing power on min. space

The utensil washer *FV 130.2* works with a reversing washing system, combined with a functional rotary arm rinsing system. It is controlled by *MIKE 2*, a fully electronic MEIKO control system. The wash chamber has plenty of space for pots, pans, bowls, trays, kitchen utensils, containers for transporting groceries and much more.

Comfort options:

- *Point2 AirConcept* exhaust heat recovery
- MEIKO *GiO MODULE* technology

Entry height

H 650 mm

Dimensions

H 2185 mm, W 1030 mm, D 895 mm

Rack dimensions

850 x 700 mm

Rack capacity

up to 30 racks / hour



FV 250.2

Washing power in XXL

The utensil washer *FV 250.2* with larger dimensions offers even more interior space and more power, e.g. for three racks next to each other or for even larger, difficult to clean baking trays, pots and kitchen utensils. Economical washing is also possible in periods of low utilisation.

Comfort options:

- *Point2 AirConcept* exhaust heat recovery
- MEIKO *GiO MODULE* technology

Entry height

H 890 mm

Dimensions

H 2490 mm, W 1490 mm, D 895 mm

Rack dimensions

1310 x 700 mm

Rack capacity

up to 30 racks / hour





The clean solution



Complies with the hygiene requirements of DIN SPEC 10534.



Practical and versatile: MEIKO racks and holders



Racks and holders Product range



Focus on users:
MEIKO cleaning and disinfection appliances



MEIKO cleaning and disinfection appliances not only meet the highest standards of safety, cleanliness and hygiene – they are also designed to be highly efficient and easy to use.

Our cleaning and disinfection appliances offer an impressively wide range of functions and features. One example is the MEIKO range of wash racks and holders which make it easier than ever to get the results you want.

An all-purpose, universal rack is included as standard with all MEIKO cleaning and disinfection appliances. This rack is designed to accommodate all the care utensils typically encountered in a nursing environment, including bedpans of various shapes and sizes, lids, commode pots, kidney bowls, and numerous other items.

MEIKO can also provide custom racks and holders tailored to your specific requirements. All our racks are designed to be functional and practical – and switching from one rack to another couldn't be easier!

Our flexible quick-change system works with all MEIKO racks and holders, true to our policy of offering the ultimate in user-friendliness.



Focus on benefits: MEIKO universal rack

Exceptional benefits that make life easier for care personnel

- Universal rack available in two different versions (SUH 1 or SUH 2)
- Simply place the utensils in the rack – no need to empty them first
- Open door also acts as a drip tray
- As soon as you close the door the utensils are emptied in a sealed environment
- Rack designed to accommodate all the standard care utensils used on wards
- Switching from one rack to another is quick and easy, offering greater flexibility in everyday work situations
- Optional accessory: Basket inserts for small items which fit neatly into the universal rack

Exceptional benefits that promote excellence in nursing care

- Easier handling of care utensils
- Superb standards of hygiene
- Reliable, user-friendly operation

MEIKO technology for clean solutions.



Universal rack (SUH 1)



**Kidney bowl / urine bottle
(SUH 1 or SUH 2)**



**Urine jug / urine bottle
(SUH 1 or SUH 2)**



Wash basin (SUH 1 or SUH 2)



3 urine bottles (SUH 1 or SUH 2)



Fine-mesh basket insert to keep small items separate (optional accessory) (SUH1 or SUH2)



Bedpan with lid / urine bottle (SUH 1 or SUH 2)



Commode pot with lid / urine bottle (SUH 1 or SUH 2)



Child's bedpan with handle and lid (SUH 1)



Oval bedpan / urine bottle (SUH 2)



Slipper-style bedpan with lid / urine bottle (SUH 2)

Focus on your needs: MEIKO custom racks and holders

We specialise in tailor-made solutions

Whatever care utensils you use, MEIKO can provide you with custom racks and holders to empty and rinse them in a sealed environment.

Our flexible quick-change system works with all MEIKO racks and holders, offering you the ultimate in user-friendliness.

The right adapter for every application

For special utensils that are only used every now and then, MEIKO offers custom adapters that can be inserted without having to remove the universal rack.



Quick-change rack for child's potty



Quick-change rack for Redon bottles



Quick-change holder for suction bottle and lid



Quick-change holder for collection utensils and lids



Quick-change rack for 4 urine bottles



Rack with adapter for suction bottles



Rack with adapter for urine jugs

Care utensil wash racks for worldwide use

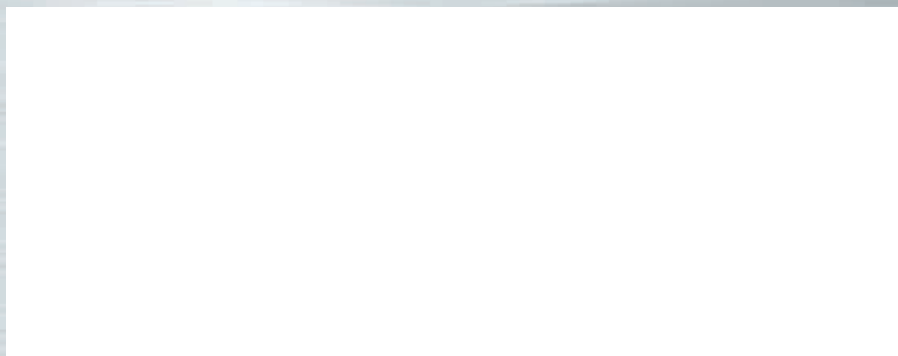
MEIKO cleaning and disinfection appliances are used all over the world and are adapted to meet the cleaning requirements of each individual country. MEIKO provides custom racks and holders for a wide range of countries designed to accommodate the care utensils used in that particular region of the world.

Six examples of our country-specific racks are shown here.





The clean solution



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