

MEIKO TopClean 60

Multiwasher





YOU TAKE CARE OF THE PEOPLE, WE'LL TAKE CARE OF THE HYGIENE

What happens at stations with wash bowls, operating theatre boots, buckets, vases, trays or children's toys that are not considered medical devices?

They should be thoroughly washed and disinfected each time before they are reused. Hygiene experts recommend standardised, machine-based cleaning processes. For patient safety and occupational health and safety reasons. A job for the *TopClean 60*!

Simply load, choose one of the three programmes depending on the degree of soiling, and the multi-washer does the rest: reliably thanks to a preconfigured A_0 value of 60. Quickly thanks to short process times. And while *TopClean 60* is busy cleaning and disinfecting, staff can focus on other tasks.



WHAT TO EXPECT:

- Standardised hygiene processes ensuring safety and reliability
- Rapid availability of utensils thanks to short process times
- Cost savings through economical use of resources
- Machine cleaning keeps the workplace free from contamination
- Ergonomic work stations thanks to flexible appliance heights and plinth
- Flexible integration options
- All-round carefree package: the *MEIKO Clean Solution Circle* including chemicals, service, academy & planning

MEIKO TopClean 60 – the benefits at a glance



AVAILABLE IN 2 VERSIONS WITH DIFFERENT DISINFECTION PROCESSES

- With either **thermal disinfection** with an A_0 value of 60 for most medical uses
- Or **chemo-thermal disinfection** with defined chemicals specifically for items affected by heat, like operating theatre boots

GiO MODULE (OPTIONAL)

The reverse osmosis system achieves water purity of approx. 98%, almost completely demineralising and sterilising the water (including safety group: gate valve, 10 μ m fine filter with activated carbon).

Advantages:

- Excellent cleaning results
- Lower consumption of detergent and rinse aid
- Increased protection of the appliance against limescale build-up
- Longer maintenance intervals

AUTOMATIC DOOR LOCKING AND UNLOCKING

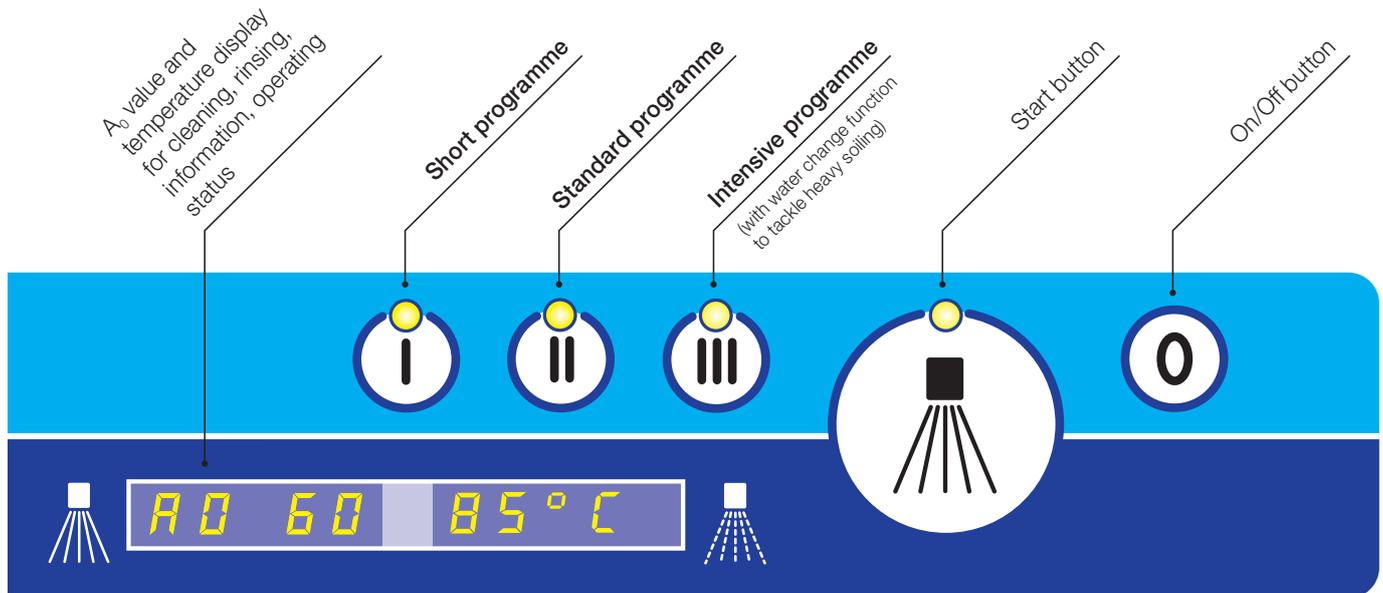
Once the programme has started, the cleaning and disinfection process cannot be interrupted and the wash chamber can no longer be opened.

Advantages:

- Closed, safe cleaning process
- Trouble-free operation (without interruption by users or in the event of a power failure)
- No risk of injury to the user (protection at work with regard to scalding)

EQUIPPED WITH 3 PROGRAMMES

Choose programmes by simply touching the relevant button. The digital display shows the progress of the wash cycle and alerts you to any important messages. With its clear icons and prominently displayed wash and rinse temperatures, you will be impressed by how easy it is to operate the machine and monitor its progress.

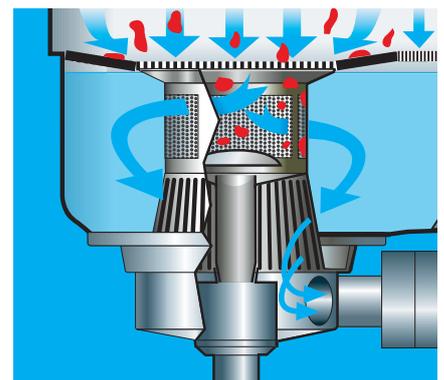


MEIKO AKTIVPLUS

The wash water filter system ensures first-class cleaning results – it filters the tank water several times and actively removes dirt with cyclical fine filter backwashing.

Advantages:

- Clean wash water for longer
- Low consumption: just 2.6 litres of fresh water per wash cycle for programmes without water change
- Low operating costs



MEIKO TopClean 60 – the benefits at a glance

MODULAR RACK ASSORTMENT

A universal rack with inserts for small parts, a base rack with attachments for dummies, a special rack for trays, one for eight operating theatre boots. The area of application of the *TopClean 60* is varied. Likewise the rack assortment!

Benefits:

- Optimum positioning of a wide range of washware
- Ideal cleaning of individual parts
- Flexible use: easy to change thanks to the different designs for racks and inserts



Universal rack SK 500
with mandrel (optional) for optimal loading with washware



Rack SK 500-1
for operating theatre boots (8 pairs per rack)



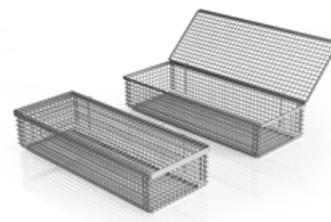
Rack SKR 500-2
for trays



Base rack
with rack insert (optional) and hold-down grid (optional) for up to 8 face masks



Wire-mesh basket for small parts
with hinged lid, designed for use in the universal rack SK 500
(W 240 mm, D 310 mm, H 72 mm)



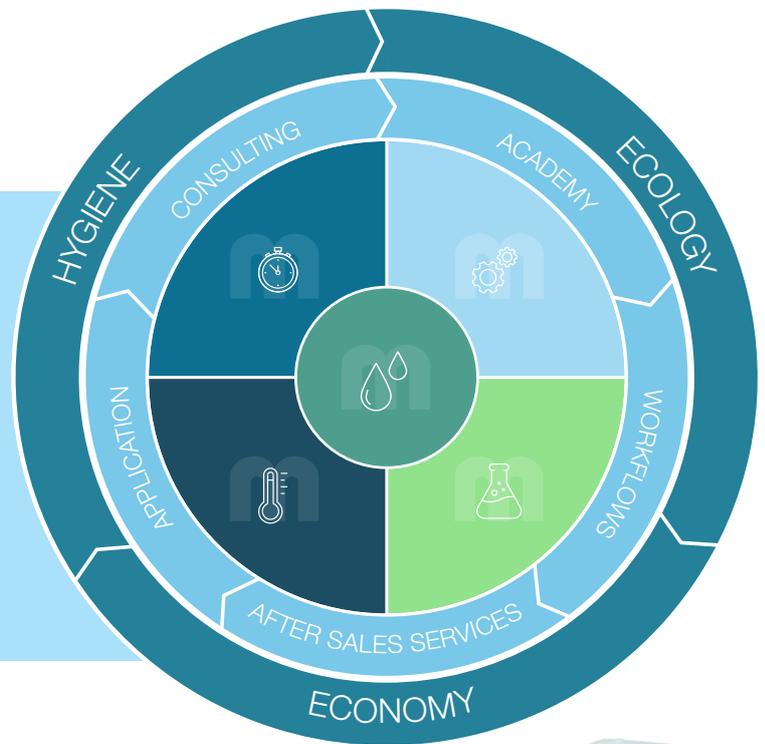
Insert rack for wire-mesh basket for small parts
with hinged lid, designed for use in the wire-mesh basket for small parts
(W 100 mm, D 280 mm, H 50 mm, mesh size: 4x4 mm)

CLEAN SOLUTION CIRCLE

We will support you at every stage – from planning services through to machine installation and maintenance and beyond to staff induction and training with the necessary chemical products – ensuring that you never have to compromise on hygiene.

Your one-stop provider:

The *MEIKO Clean Solution Circle* brings in all relevant parameters for the cleaning process and their relationships and dependencies on one another. At its core is 'Sinner's circle' of time, temperature, mechanical action and chemicals – the four factors that chemist Herbert Sinner identified as the key to cleaning performance. Yet only with the right consulting and use, the right services and workflows, and training from the MEIKO Academy does the complete, holistic picture come into view. Then hygiene, environmental considerations and economy are assured.



CHEMICALS

To achieve perfect cleaning results, the technology, detergent and rinse aid have to be suited to one another.

And our products are! The following are approved specifically for cleaning in the *TopClean 60* appliances.

For the version with **thermal disinfection:**

- *Detergent DOYEN® RF 90* for intensive cleaning of all inserted utensils
- *Rinse aid MEIKO ACTIVE KS N* for optimal cleaning results and fast utensil drying

For the version with **chemo-thermal disinfection:**

- *Detergent & disinfectant EW 80* for intensive cleaning and disinfection of all inserted utensils
- *Rinse aid MEIKO ACTIVE KS N* for optimal cleaning results and fast utensil drying



MEIKO TopClean 60 – all-round carefree package

PLANNING

We work with you to plan your utility room – ensuring it is user-oriented, ergonomic, efficient and compliant with all current hygiene standards.

TopClean 60 can easily be integrated into new or existing combined care units. As a space-saving cabinet model, it fits ideally under the work surface, or offers additional storage space, e.g. for chemical canisters, with a built-in base cabinet.



With almost 100 years of experience in the area of medical devices, MEIKO can lay the groundwork for improved hygiene and protection at work in the planning and design phase.

MEIKO ACADEMY

Did you know that we also offer training for in-house technicians? The *MEIKO Academy* provides direct access to the knowledge base that we have built up over the decades. We administer online and in-person courses to put you on the cutting edge of technology. Our training courses are rounded off with important information from the world of microbiology, infection prevention and legal aspects.



SERVICE

Our service means: fast response times, short journeys, high availability of spare parts in the service vehicle.

The advantages of *MEIKO Service*: 365/24/7, authorised service technicians (*MEIKO Academy* trained).



Our service team is on the job 24/7 because every minute counts in the utility room

MEIKO TopClean 60 – technical data



TopClean 60
improved ergonomics with
base cabinet

Entry height:

H 420 mm

Dimensions:

H 860-1465 mm, W 600 mm, D 600 mm

Reverse osmosis module

H 120 mm

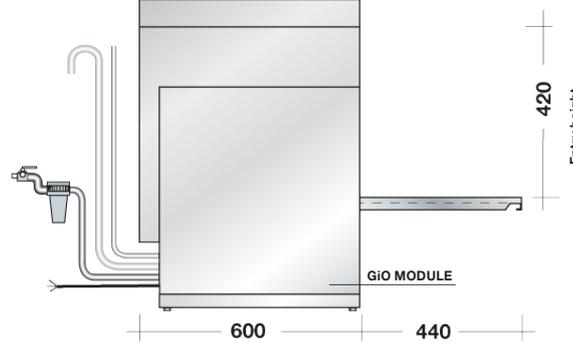
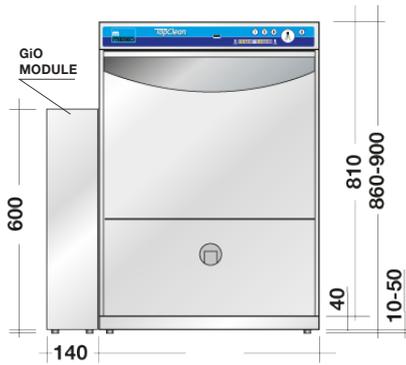
Cabinet height

H 400 mm

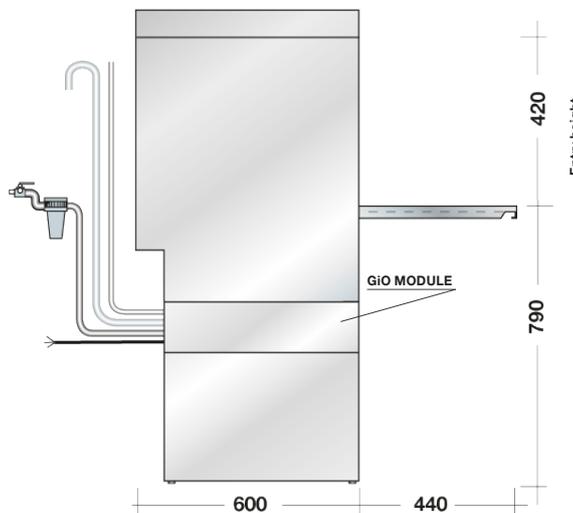
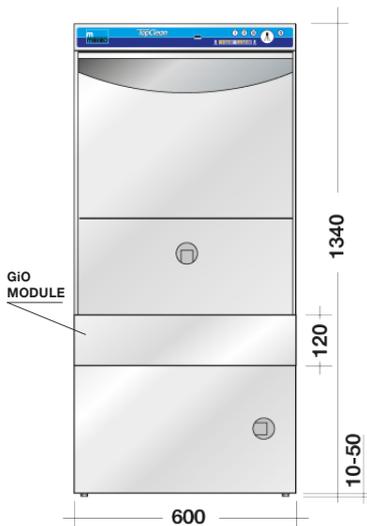
MEIKO technology:



		TopClean 60
Rack dimensions	mm	500 x 500
Entry height	mm	420
Pump motor	kW	0.55
Tank capacity	l	11
Final rinse	l	2.6
Tank heating	kW	4
Built-in water heater for feed water temperature of 10 °C	kW	7.5
Total connected load at 10 °C feed water temperature	kW	12.2



MEIKO TopClean 60 with GiO MODULE positioned to the side



MEIKO TopClean 60 with GiO MODULE between appliance and base cabinet

Electrical connection:

3/N/PE 380 - 415 V, 50 Hz, 20 A fuse protection (optionally 16 A)
Appliance junction box, upstream main switch,
protective equipotential bonding (if this cannot be produced, please speak
to local electrician about other fusing options)

Water installation with Aquastop:

The appliances 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 installation requirements of EN 1717 must be observed.

Drain $\frac{3}{4}$ ". Max. height of on-site wall drain: 700 mm. Length of the connection
lines approx. 1.4 m from appliance.

Water installation with GiO MODULE:

Cold water connection (max. 35 °C), minimum flow pressure 1 bar, maximum
pressure 5 bar. Conductivity of raw water < 1000 μ S/cm. Total water hardness
max. 28 °dH.

Including connection kit: shut-off valve, pressure regulator, 10 μ m filter with
activated carbon. DIN-compliant operation requires a backflow preventer in
accordance with EN 1717 (optional). Feed line length approx. 3 m.

Appliance connection kit with reinforced hose (without Aquastop). Concentrate
drain $\frac{1}{2}$ ", length approx. 2 m. Permeate and electrical lines between appliance
and separate GiO MODULE approx. 3 m.

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



The clean solution



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