MEIKO
The clean solution

DV 270.2

Utensil washers

MEIKO Clean

DV 270.2 utensil washers

A supreme “maid of all work” with real cleaning power

It has everything that makes it a true maid of all work. Dynamic high-performance pumps, oscillating wash arms with uncompromising efficiency, rotating final rinse systems with additional lateral rinse arms, well-designed robust construction and sophisticated operating technology.

The machine’s enormous 650 mm passing height allows everything to be accommodated under its hood – which is impossible with your normal dishwashers. The time which your expensive staff spends cleaning large utensils can now be used more productively.

DV 270.2

Dynamic power

Passing height
H 650 mm
Rack dimensions
1310 x 690 mm
Rack capacity
up to 30 racks/hour

MEIKO Technology:

MEIKO
The clean solution

Our *DV 270.2* works faster, more systematically and almost effortlessly. It is designed from top to toe for its special cleaning tasks. This is because we have taken exceptional steps to ensure that it lives up to its promises. And it promises a lot, e.g. washing pots of all types and sizes, kitchen equipment, gastronorm containers, baking trays and other utensils which are difficult to clean. Also transport containers from the catering industry, airline containers, kitchen equipment of all kinds in canteens, dining halls, hospitals and clinics.

The flat tables ensure that there is no dead time. While one rack is being washed in the machine, a rack which has just been washed can be unloaded on the discharge table or a new rack can be loaded easily and prepared for washing.

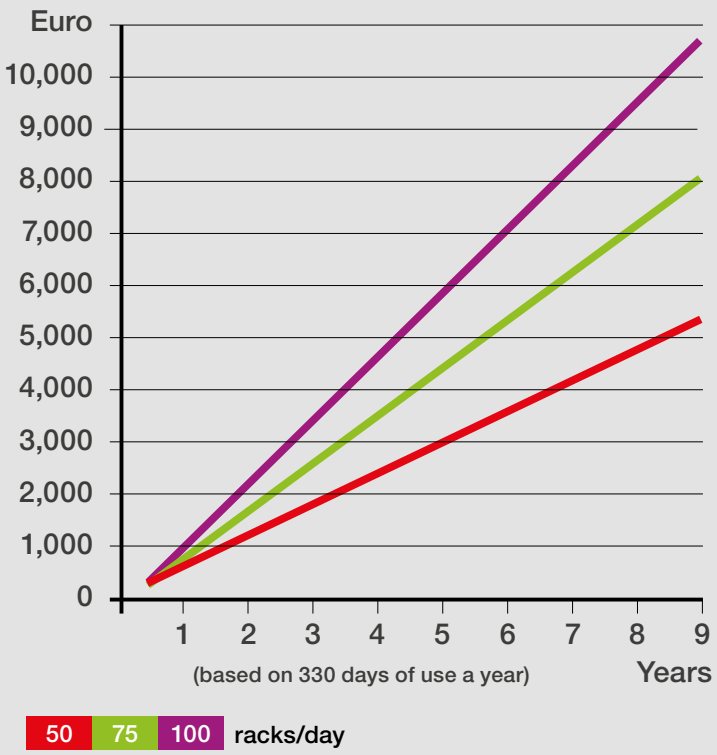
DV 270.2 with the Point2 AirConcept system

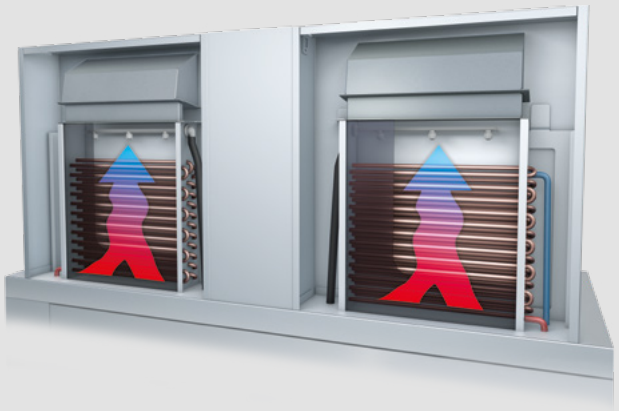
Clean air and superb energy efficiency

The MEIKO *Point2 AirConcept* system (optional) is an innovative air management solution that provides the very best in exhaust air heat recovery. Instead of being released into the room, the hot vapour is fed back into the machine as part of the heat recovery process.
This tangibly reduces emission rates and improves the indoor climate, making the dishwashing area a far more pleasant environment to work in. The warm exhaust air emitted by the machine is fed back into the water circuit as a source of energy. This reduces the connected load of the machine by up to 13 % and achieves significant energy and cost savings.

- **Maximum energy efficiency**
  Integrated heat recovery system
- **Better indoor climate**
  Reduced emissions
- **Integrated self-cleaning feature**
  Uncompromising standards of hygiene
- **Fully DIN certified**
  Maintains programme timings and temperature settings
- **Helps washware to dry quicker**

Potential reduction in running costs based on a DV 270.2 with MEIKO Point2 AirConcept



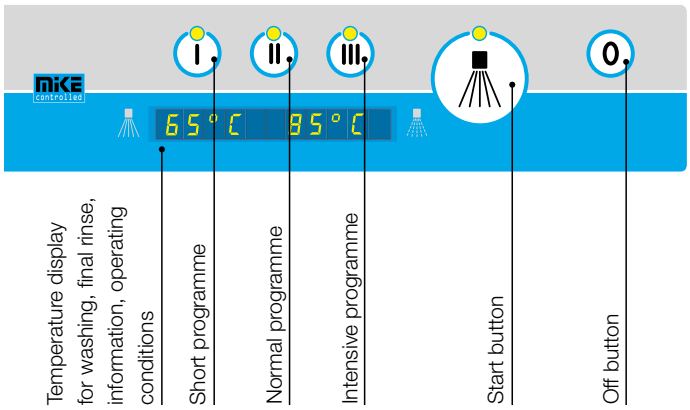


Technical data		DV 270.2
Water connection to the machine		cold water
Self-cleaning (without additional water consumption)		built-in cleaning nozzles
Vapour extraction (extended cycle time)	s	100
Reduction in heat emitted into the room	kW	3,7
Exhaust air temperature (at a water inlet temperature of 12 °C)	°C	approx. 25
Reduction of steam released into the room		80 %
Reduction in connected load	kW	3,0

MIKE 2 and GiO MODULE – Technology in a first-class format

MIKE 2. The MEIKO technology for maximum operating comfort

MEIKO's *DV 270.2* utensil washer is equipped with fully electronic *MIKE 2* controls as standard. Each of the three programmes can be easily selected by lightly touching the appropriate button. The progress of the programme and any messages are displayed in digital format. Easily understandable symbols and clearly indicated washing and final rinse temperatures make operation and control of this machine child's play.

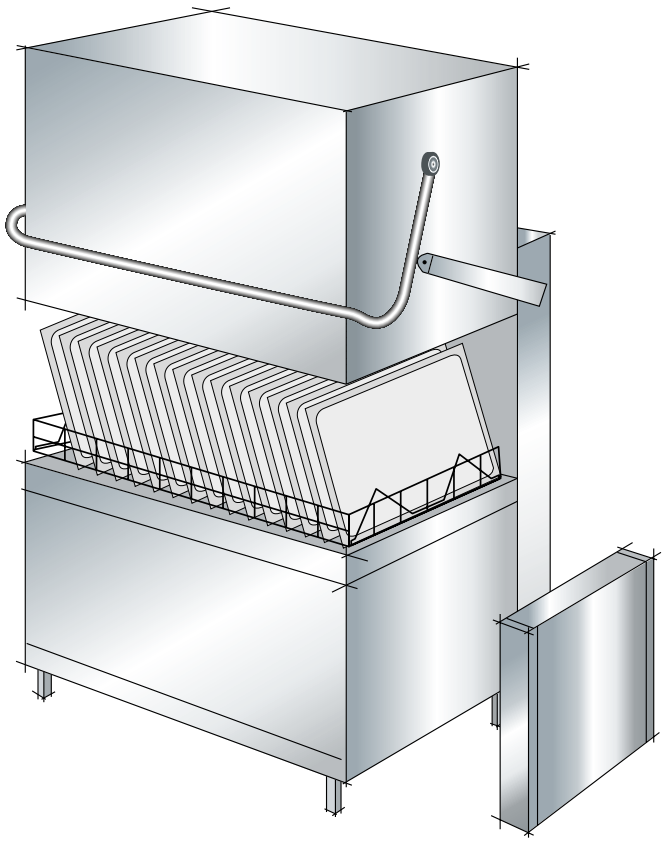


***MIKE 2* – the brand-new electronic system with integrated infrared interface for the *Point2* generation.**
Today's most innovative control technology for dishwashing machines. And, in combination with the intelligent *M-Commander W*, data can be very simply read, defined, amended, transferred via a PC online to the factory or the customer service for immediate processing. This provides significant maintenance advantages in terms of time, effort and costs.

Reverse osmosis module: Sparkling performance in a modular format

Modular, unique, practical – no ifs, ands or buts.
Whether located behind, below, or in a separate area, nothing gets in the way of sparkling cleaning results. The reverse osmosis system may be adapted to any conditions.
With its new design and look, this reverse osmosis system with a 98 % demineralisation rate offers optimum performance with minimum space requirements. Clean, sparkling, hygienically flawless dishes for many years.

- compact dimensions
- connection kit included
- fully integrated into the control of the dishwashing machine



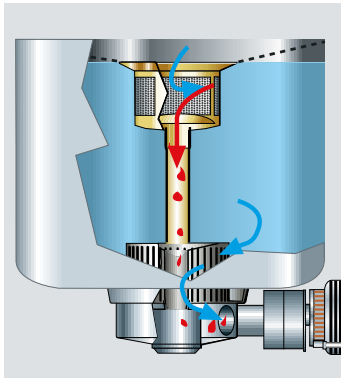
GiO MODULE (option) can be placed nearby or e.g. in another room.

Unique advantages:
Included as standard

The clean solution

Some of the exemplary advantages of the Point2 generation

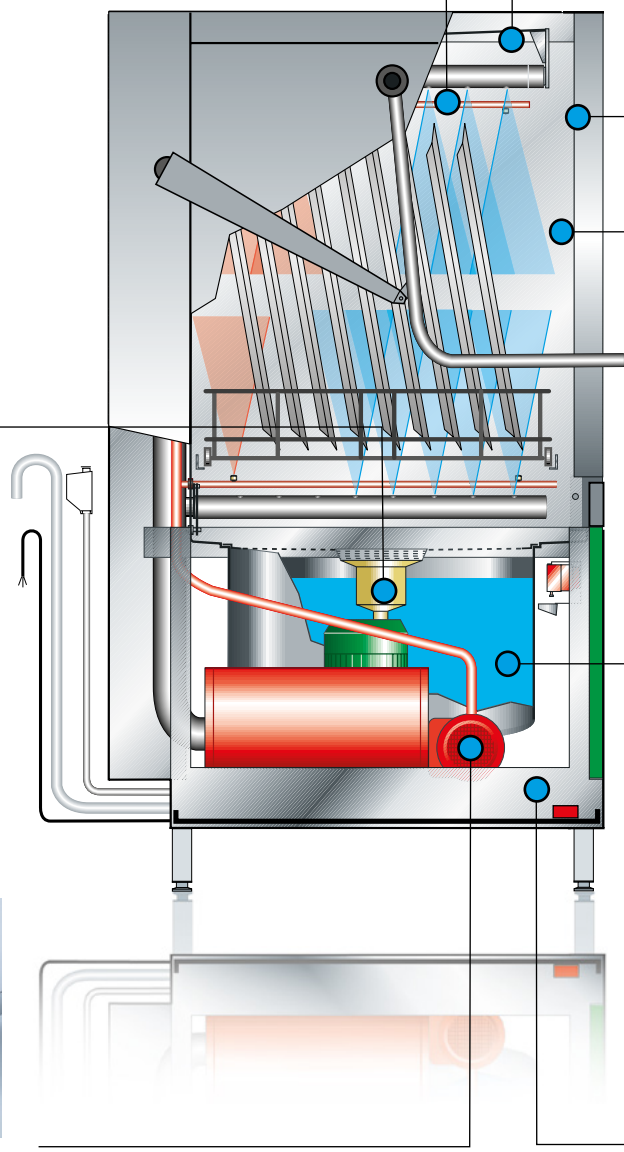
Stainless steel washing system
operates from above and below



***AktivPlus* wash water filter system**
Outstanding cleaning effect provided by multiple filtration of the tank water

Installation with connection kit (for water, waste water and electricity) which ensures rapid and economic commissioning. Integrated waste water pump allows on site drain height up to 700 mm.

- 150 mm ground clearance
- Service: ideal accessibility, simple installation, excellent reliability (IP X5 protection type), rapid and reliable MEIKO service facilities plus customer service network
- Tested quality with a range of test certificates



Pressure booster pump to ensure a final rinse result independent of mains water pressure – constant final rinse temperature and final rinse water quantity

Sloped hood ceiling and surrounding drip channel
prevent wash water dripping onto washware

Hood with double-walled insulation

Easy-to-clean, smooth internal walls with no disturbing ascending pipes

Self-cleaning programme

Fully electronic programme
run with clear operating panel and infrared interface

Deep-drawn wash tank with rounded corners

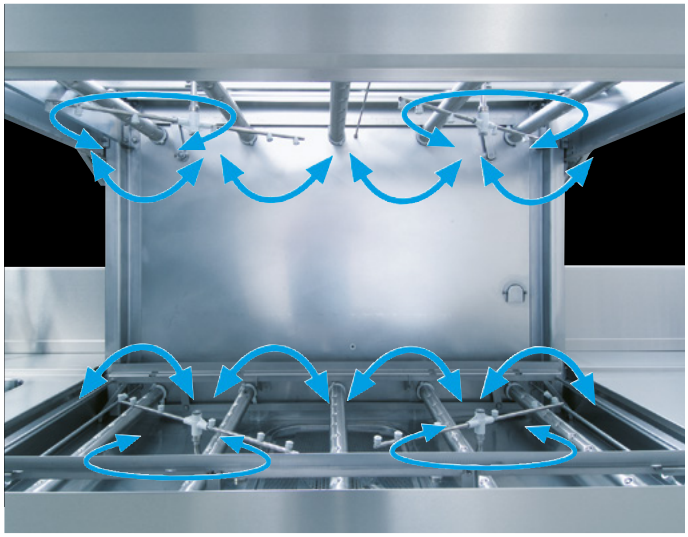
Water change programme (option)
The water in the tank can be changed with one touch of a button, so that you can clean with fresh water immediately. Fully automatic and uncomplicated – for hygienic and sparkling cleaning results

Aqua-stop system
with base drip tray
High operating security thanks to water leak detection. All installed components well protected

Functional details –
Made by professionals for professionals

Ergonomic handling thanks to all-around hood grip
New style of hood guide rails for ergonomic comfort even with opened hood.

Tank cover sieve
Selective removal of dirt in the AktivPlus fine filter.



Oscillating wash arms made from tubular CrNi stainless steel. Thanks to the 100 % wash chamber cover no corner remains dry.
Rotating rinse system and lateral rinse arms made from tubular CrNi stainless steel offer first-class rinse results.

AktivPlus wash water filter system
Multiple filtration of tank water and reliable dirt discharge guarantee an excellent cleaning result. Dirt removal ensures easy removal of coarse dirt.

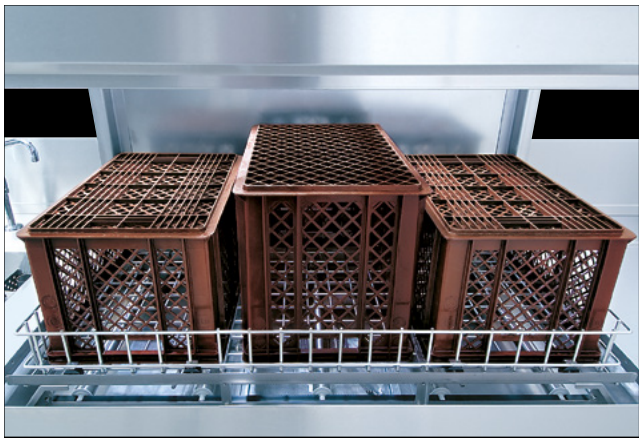
Ascending pipes outside the wash chamber made of stainless steel.

Hard to beat:
Performance and versatility

The clean solution

The standard rack for dishes, containers, kitchen equipment, racks etc. And with inserts to support trays, baking trays and much more, of course.

The base rack is made from solid stainless steel; it is 1310 mm long and 690 mm wide, thus providing plenty of space for anything you might want to wash. We have even equipped it with rollers so that even a fully loaded rack can be easily moved into or out of the machine on the flat tables.



Rack insert BV 60 x 39
(butcheries) (608 x 390 mm) made from solid stainless steel

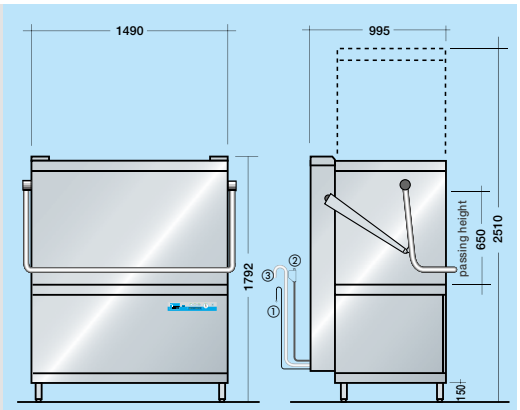
Rack insert BV 57 x 56
(570 x 560 mm) made from solid stainless steel for 2-8 GN container 1/2-2/1 (with a max. depth of 65, 100, 150 mm)

Universal insert UV 57 x 39
(570 x 390 mm) made from solid stainless steel

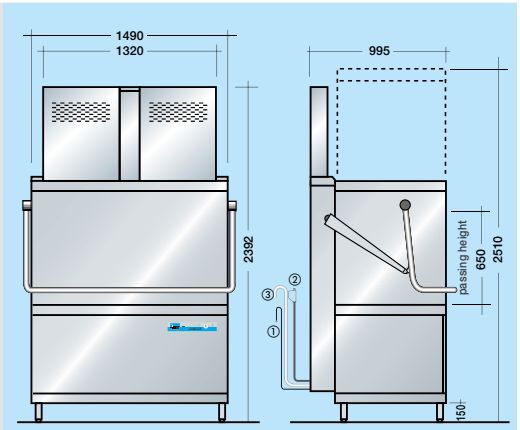
Technical data

The clean solution

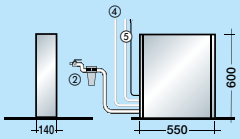
DV 270.2



DV 270.2
Heat recovery
Point2 AirConcept



GiO MODULE
Separate



Programme cycles you can select:

	DV 270.2
Short programme	120 seconds
Normal programme	240 seconds
Intensive programme	480 seconds

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

		DV 270.2
Rack dimensions	mm	1310 x 690
Passing height	mm	650
Theoretical rack capacity	per hour*	30 / 15 / 7
Pump motor	kW	2 x 2.2
Tank capacity	l	100
Water consumption for final rinse	l	9.0
Tank heating	kW	9.0
Built-in boiler electricity consumption at		
45 °C feed water temperature	kW	12.0
10 °C feed water temperature	kW	18.0
10 °C feed water temperature with *Point2 AirConcept*	kW	15.0
Total connected load at		
45 °C feed water temperature	kW	16.9
10 °C feed water temperature	kW	22.9
10 °C feed water temperature with *Point2 AirConcept*	kW	19.9

* If connected to a cold water supply and / or racks are changed at short intervals, the programme cycles necessary to achieve hygienic rinse temperatures may increase. The programme cycles increase within the water changing programme.

Electrical installation:
Electrical connection: ① 3-phase current 3 NPE, 400 V, 50 Hz.
The wiring complies with VDE requirements.

Water installation:
The machines may be connected directly to the mains supply without intermediate security fittings ②. The flow pressure should be between 0.6 bar, and 5 bar. The installation requirements of EN 1717 must be observed.
Drain ¾″. Wall-mounted drain should have a maximum height of 700 mm ③.
Length of connection cables from/to the appliance approx. 1.8 m.

GiO MODULE:
Cold water connection (max. 35 °C), minimum flow pressure 1 bar, maximum 5 bar. Conductivity of raw water <1000 µS/cm. Total water hardness max. 28 °dH (German hardness).
Including connection kit: check valve, pressure regulating valve, filter 10 µm including activated carbon, safety equipment “HD” (backflow preventer and pipe aerator). Installation requirements of EN 1717 must be observed.
Connection length approx. 3 m. Connection kit of the appliance with reinforced hose (without AquaStop). Concentrate drain ½″ ④, length approx. 2 m.
Permeate and electric cables between machine and separate *GiO MODULE* approx. 3 m ⑤. When using the *GiO MODULE* a backflow preventer must be used in accordance with EN 1717 to ensure DIN-compliant operation (optional).

(1 bar = 100 kPa) (1 °dH approx. 0.18 mmol/l $CaCO_3$)

The machine fulfils the hygiene requirements specified in EN 17735.

Manufacturer:
MEIKO Maschinenbau GmbH & Co. KG · Englerstr. 3 · 77652 Offenburg, Germany
Phone +49 781 203-0 · info@meiko-global.com · www.meiko.com

150.035.04.08.25/EN