

NEW
Automatic hood, GiO Module,
AirBox ActiveAir exhaust treatment



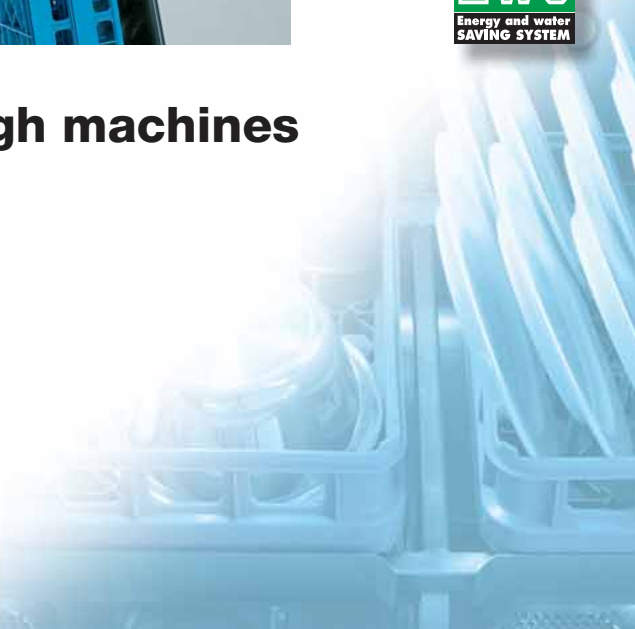
Dishwashers



Pass-through machines

DV 80.2

DV 120.2



DV 80.2 and DV 120.2: Dishwashing technology for outstanding results

The very latest state of the art technology presented in a classical and well established format. With maintenance-friendly, smooth stainless steel surfaces, logical design and clear operating display, these washers already stand out from the rest.

However, the true qualities of these machines are found in their finer details, starting with the optimised wash and rinse system, on to the perfect tank design and right through to the unique filter system.

Both of these machines offer efficient and smooth operation.

The DV 80.2 is designed for washing dining dishes and coffee sets, but can also be used as a high-performance glasswasher.

The DV 120.2 is supplied with an electronically controlled wash programme and is also designed for the efficient cleaning of commercial dishes, pots, containers, etc.

A choice of three wash programmes with various running times and most advanced

electronics guarantee an impeccable quality of cleaning and a cost-effective operation.

On the following pages you will discover the advantages that have long been associated with MEIKO products and examples of our trend-setting washing technique.



New in the premium class Automatic hood

- Fully automatic programme sequence by the push of a button:
 - closing the hood
 - programme cycle
 - opening the hood
- Separate button for opening and closing the hood
- Higher capacity utilisation
- No manual hood actuation necessary
- Continuous loading
- Outstanding ergonomics



The DV 120.2 pass-through machine



A star with three leading roles: the MEIKO DV 120.2

The DV 120.2 not only has three different programme cycles, but also **three different pump motor out-puts**. The result: **Three different models combined in just one machine, which means that you are always able to select the most appropriate power settings.**

Your advantages:

- Optimum control of wash power settings according to ware type and dirtiness. Choice of **three power levels**:

Gentle wash e.g. for coffee sets

Intensive wash for dining dishes

Power wash for kitchen utensils, pots, etc.

- **Direct correlation between motor capacity and wash wares**, resulting in a reduction in energy consumption.

- **Electronically controlled soft start** of the wash pump in order to avoid abrupt vibrations on start-up, thus preventing damage to both - the crockery and the dishwashing machine.

AirBox *ActiveAir* exhaust treatment (option): Convenience in the wash-up area

- central exhaust treatment
- significant reduction of exhaust nuisance
- no exhaust nuisance of the wash-up personnel
- integrated condensate drain
- controlled start-up of extraction via cleaning programme
- time-controlled delay of the fan
- no filter and maintenance free
- can be retrofitted



The DV 80.2 pass-through machine with automatic hood (option)

Infrared technology guarantees first-class service



MIKE 2 - the brand new electronic control system with integrated infrared interface for .2 generation washers.

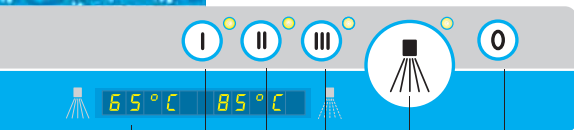
MIKE 2 represents today's most innovative dishwasher control technology. And now, thanks to the intelligent "M-Commander W" (PDA palmtop), it could not be easier to read, define and modify data, as well as to transfer data via PC and online to the factory/ service department for immediate processing. For servicing and maintenance, the "M-Commander W" offers huge benefits, enabling the customer to save on time, effort and expenditure.

The most advanced electronic control, designed for operating comfort.

The MEIKO DV 80.2 and DV 120.2 pass-through machines are equipped with the modern MIKE 2 full electronic control system as standard. The three programmes are selected by lightly pressing on the appropriate area of the keypad. Operating status and any relevant messages are shown on the digital display. Symbols that are easy to understand, combined with clearly displayed wash and rinse temperatures make operating this machine seem like child's play.



Reverse osmosis system: Brilliant water treatment performance



Temperature display for wash and final rinse, information, working conditions

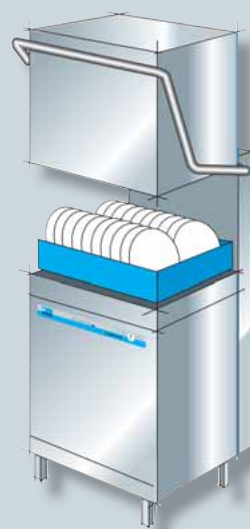
Short programme

Normal programme

Intensive programme

Start button

Off button



GiO Module (option)

The reverse osmosis system for a first-class water treatment

- most compact dimension
- with complete connection kit
- fully integrated in the control system of the dishwashing machine

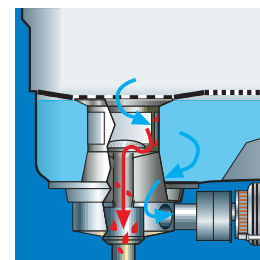


A host of new features under the hood

■ **Double-walled insulation of the hood for first class sound and heat insulation**

■ **Upper and lower wash and rinse system** in high grade stainless steel

■ **22 litre wash tank located to the front of the machine** - for ease of cleaning

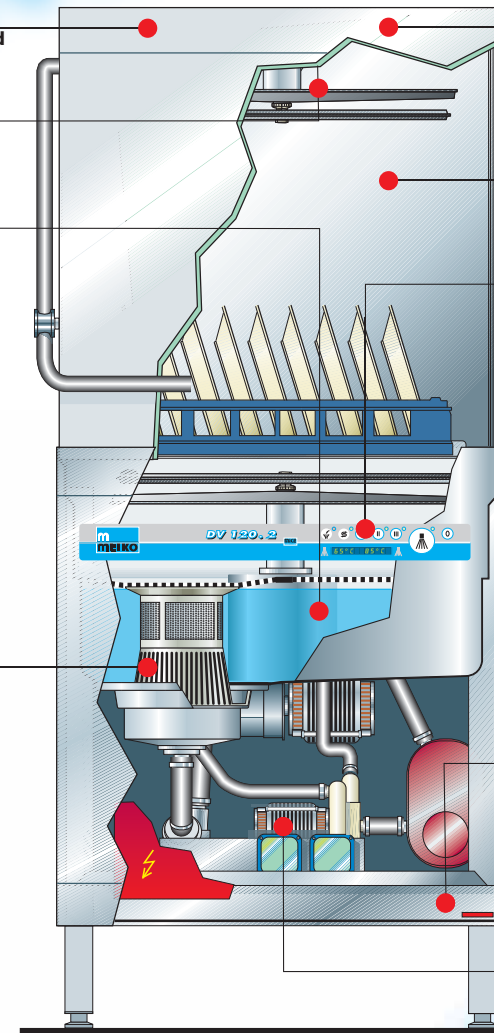


■ **"ActivePlus" wash water fine filter system** for superb cleaning results thanks to the multiple filtration of the wash tank water



Only 2,6 liters of fresh water are now needed per rinse cycle to achieve first-class results.

This technology is based on the consistent realisation of the advantages of the MEIKO ActivePlus drain filter technology, the excellent effectiveness of which provides the suds with a previously unknown level of "purity".



■ **Sloped interior ceiling** with surrounding drip channel prevents suds from dripping onto washed items.

■ **Smooth interior walls easy-to-clean**

■ **Fully-electronic programme sequence** with touch sensitive control panel and infrared interface

■ **Self-cleaning programme** following machine drain down

■ **Aqua-Stop System with base drip tray**
High level of operating security with the automatic water leakage detection control - protection of all integral machine components

■ **Booster pump** for perfect rinsing results independent of the incoming supply pressure. Pump maintains a steady rinse water temperature and rinse quantity

■ **ADT detergent dosing technology (DV 80.2)**



Hose and cable connection kit (water, waste water and electrics). Commissioning is quick and cost-effective and the built-in drain pump allows waste discharge up to a height of 700 mm.



Functional advantages - made by professionals for professionals

Ergonomic working thanks to the wrap around hood handle.

Closing the hood starts the programme (automatic hood start).



"ActivePlus" wash water fine filter system.

Combined with the tank sieves, the ActivePlus filter system serves to provide optimum wash water by multi-filtering. This means that the tank water stays cleaner for longer, resulting in the highest, most hygienic cleaning quality.



Total access to the entire washing chamber.

Wash tank positioned beneath two practical, easy-to-remove perforated covers.



Practical passing height of 440 mm.

Ideal for larger items such as GN trays, extra high presentation dishes, and taller than standard glassware items.



MEIKO features at a glance:

- Rinse aid dosing unit
- 150 mm ground clearance
- Rear-vented hood directs steam away from operator
- Wash time extension according to temperature. Hygienic and safe under all operating conditions.
- 22 litre tank capacity; rapid start-up times; low operating costs; quick tank regeneration
- Effective rinse system using only 2,6 litres of water per rinse cycle
- Control panel in high grade stainless steel
- Customer-friendly service: easy access; clearly arranged equipment; high degree of reliability (protection class IP X5); quick and reliable MEIKO service and maintenance network
- Proven quality with various test certificates.

An integrated water treatment technology of highest quality is optionally available.

Innovative and powerful wash technology in perfection



Bespoke system layout and ware loading options:

whether an in-line pass-through or a space-saving corner model, the ideal construction of MEIKO pass-through machines facilitates an almost unlimited range of layout options. In order to provide the most effective dishwashing system, we have a comprehensive table programme comprised of a huge number of different table designs, from the simple sliding table right through to a

complete dish clearing station with integrated glasswasher (see diagram above).

Further recommended solutions for your wash-up area are available upon request.

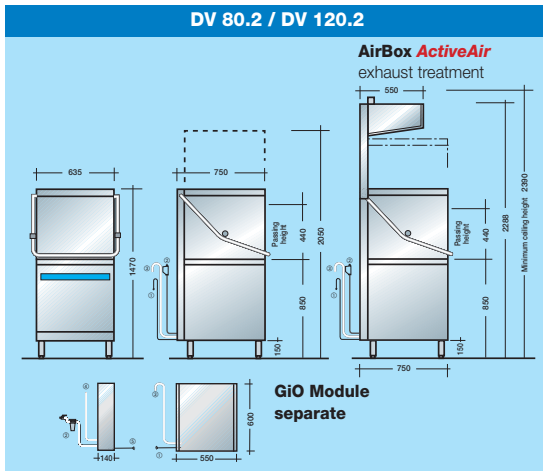


Classic, in-line pass-through system



Space-saving corner installation

Dimensions and technical data:



Available wash cycles:

DV 80.2:

| | |
|---------------------|---------------|
| Short programme | = 60 seconds |
| Normal programme | = 90 seconds |
| Intensive programme | = 210 seconds |

DV 120.2:

| | | |
|----------------|---------------|-------------------|
| Gentle wash | = 60 seconds | (power level I) |
| Intensive wash | = 90 seconds | (power level II) |
| Power wash | = 210 seconds | (power level III) |

For connection to cold water and/or short basket exchange times, the wash cycles may increase to achieve hygienic final rinse temperatures.

The programme cycles extend within the water changing programme.

The options automatic hood and AirBox ActiveAir can not be combined.

Capacity with built-in "Active Clean" water softener (optional):

with 10°dH, c. 1.380 wash cycles

with 20°dH, c. 690 wash cycles

with 30°dH, c. 460 wash cycles

Subsequently, all that is required is to "refill salt".

MEIKO recommends branded cleaning products of well-known manufacturers.



cleaning and hygiene products are an excellent choice.



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| | DV 80.2 | DV 120.2 |
|--------------------------------------|------------------|------------------|
| Basket dimensions (mm) | 500 x 500 | 500 x 500 |
| Baskets (per hour) | 60/40/17 | 60/40/17 |
| Plates (per hour) | 1.080 | 1.080 |
| Glasses (per hour) | 2.160 | 2.160 |
| Pump motor (kW) | 0,75 | 1,5 |
| Tank capacity (litres) | 22 | 22 |
| Final rinse quantity (litres) | 2,6 | 2,6 |
| Tank heating (kW) | 1,3 | 1,3 |
| Rinse boiler for | | |
| 45°C inlet temperature (kW) | 7,5 | 7,5 |
| 10°C inlet temperature (kW) | 9 | 9 |
| Total connected load | | |
| 45°C inlet temperature (kW) | 9,7 | 10,4 |
| 10°C inlet temperature (kW) | 11,2 | 11,9 |

Electrical installation:

Electrical connection: ① 3-phase NPE, 400 V, 50 Hz. With integrated "ActiveClean" water softener (option), total supply increases by 0,25 kW, with AirBox ActiveAir (option) by 0,44 kW. Circuit complies with the requirements of the VDE (German Association of Electrical Engineers).

Water installation:

The machines can be connected directly to the fresh water supply without the use of intermediate safety fixtures ②. Flow pressure should be between 0.6 and 5 bar. **GiO Modules:** Flow pressure should be between 1 and 5 bar. Inlet temperature of the water minimum 1°C – max. 35°C.

Conductivity of raw water < 1000 µS/cm. Total water hardness max. 28°dH (German hardness). Check valve included, filter 10 µm including activated carbon, pressure reducing valve, backflow preventer and pipe aerator. Installation requirements of EN 1717 are to be observed.

¾" drain. Wall-mounted, on-site drain should be max. 700 mm high ③.

Concentrate drain ½" ④. Length of connection cables from the machine is approx. 1.4 m. Permeate and electric cables (machine GiO-Module) 3,0 m ⑤.

(1 bar = 100 kPa) (1 °dH ca. 0,18 mmol/l CaCO₃)



In accordance with the hygiene requirements of DIN 10511-H for commercial glasswashing and DIN 10512 for commercial dishwashing.

