

# Dishwasher Metos WD-7 DUPLUS Glass

A good work environment, a high level of hygiene and an optimal wash result make the Metos WD-7 Duplus glass -dishwasher one of the best hood type dishwashers on the market.

The dishwasher has a unique and flexible washing system, in which the machine's water pressure can be reset quickly and easily between normal and heavily soiled settings. The inner height (505 mm) and width (605 mm) of the hood allows for bigger kitchen equipment to be washed in the machine, in addition to plates, glass, and cutlery. The Duplus -technology enables a double final rinse, which reduces the usage of water. The first final rinse is extremely efficient, and it uses the recirculated rinse water of the previous washing cycle. In the second final rinse the dishes are rinsed with fresh water. Thus, only one litre of fresh water is used per each washing cycle. Even though the usage of water is reduced significantly, an optimal wash result is still guaranteed. The Duplus -model also uses considerably less energy and chemicals compared to the Metos WD-7 -basic model. The machine has a unique Glasstilt -design, that prevents water from accumulating at the bottom of the glass. In this way, the manual polishing of the glass ware can be minimized.

In the Metos WD-7 Duplus glass -dishwasher the washing cycle begins when the hood is closed. The washing and rinsing times, as well as the rinsing temperature, can be programmed to fit your needs. This enables a separate program for e.g. fine porcelain, which needs a lower rinse temperature. The machine indicates of too low



temperatures and too low amounts of rinsing water. If the rinsing temperature decreases past 85°C the machine will continue washing, until the right rinsing temperature is reached. Therefore, the rinsing power is not determined by the water pressure in the water pipe and thus no additional booster pump is needed. The wash arms empty themselves from washing water before the rinsing starts. In this way, the washing water does not drip on to the clean dishes. The uniquely designed hood prevents the steam from rising on to the face of the user when the hood is opened.

The digital control panel, that the machine is equipped with, shows the chosen wash program, temperature and remaining wash time. In addition, it shows the daily and total amount of washed racks. The machine is extremely easy to use, and it informs the user of e.g. a closed tap or a misplaced overflow tube. Furthermore, the machine is easy to keep clean through its automatic cleaning program. The break function maintains the temperature of the tank when there is a longer period between each wash. When using the break function the dishwashers needs to be closed and you cannot start a washing cycle at the same time.

- water consumption 1,0 l/ wash cycle
- Glasstilt -glass tilting function
- three washing cycles 1,2, 1,8, and 3,3 min.
- free height of the washing area 505 mm
- self-cleaning program
- diagnostics function
- break function
- self-cleaning washing arms
- wash pump 1,1 kW
- pump (recirculated final rinse) 0,67 kW
- pump (final rinse) 0,67 kW
- booster heater 9 kW
- electronic control
- noise and heat insulated
- double water connection hot/cold
- tank volume 52 l
- rack size 500x500 mm

#### STANDARD EQUIPMENT:

- rinse aid dispenser
- plate rack
- cup rack
- utensil rack

#### OPTIONAL ACCESSORIES (order separately)

- detergent dispenser for liquid detergent
- HACCP (WEB tool)
- steam hood, which is connected to the machine: steam is released to the ventilation channel instead of the dishwashing room
- machine with a drain pump
- ECO-FLOW steam condenser and heat recovery system
- automatic control of ventilation fan temperatures and too low amounts of rinsing water. If the rinsing temperature decreases past 85°C the machine will continue washing, until the right rinsing temperature is reached. Therefore, the rinsing power is not determined by the water pressure in the water pipe and thus no additional booster pump is needed. The wash arms empty themselves from washing water before the rinsing starts. In this way, the washing water does not drip on to the clean dishes. The uniquely designed hood prevents the steam from rising on to the face of the user when the hood is opened.

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## Dishwasher Metos WD-7 DUPLUS Glass

Product capacity	a. 50 racks/hour
Inside measures mm	605x506x505
Item width mm	660/782
Item depth mm	657/720
Item height mm	1540/2080
Package volume	1.016
Unit of volume	m3
Package volume	1.016 m3
Package length	76.5
Package width	80.5
Package height	165
Package unit of dimension	cm
Package dimensions (LxWxH)	76.5x80.5x165 cm
Net weight	155
Net weight	155 kg
Gross weight	160
Package weight	160 kg
Unit of weight	kg
Connection power kW	10.1
Fuse Size A	16
Connection voltage V	400
Number of phases	3N
Frequency Hz	50
Protection rating (IP)	45
Electrical conn. height mm	265±25
Hot water diam.	1/2"
Hot water flow l/min	18
Hot water conn. height mm	232
Drain diameter	50

## Dishwasher Metos WD-7 DUPLUS Glass

Drain flow l/s	3
Drain conn. height mm	215
Sound level dB	63
Heat load sensitive W	1200
Heat load latent W	500
Boiler power kW	9
Power type	electric
Operation type	electronical
Cleaning	washing program
Washing basket size mm	500x500
Programmability	ready programs;programmable
Amount of programs	3
Insulation	insulated
Method of washing	normal wash;glass wash
Drain pump	No
Automatic hood lift	No
Model	WD-7