

GETINGE
GETINGE GROUP

GETINGE WD46 TURBO
DO MORE WITH LESS



Always with you



HELPS YOU DO MORE WITH LESS

Resources are scarce and efficiency demands on healthcare facilities are constantly increasing. At Getinge, our mission is to help our customers do more with less.

Getinge's Turbo Concept – a Revolution in Efficiency

The Turbo concept improves washer efficiency by using technology to concurrently perform non-value added functions while improving both cleaning performance and energy efficiency.

The Getinge WD46 Turbo is a compact washer-disinfector with a capacity level of up to 10 DIN trays, well suited for smaller to mid-sized sterilization departments or larger clinics. It reduces process times by up to 25%, which gives a higher throughput in a very efficient footprint. You will be able to cut turnaround times as well as total costs.



The Getinge WD46 Turbo Saves

- **TIME** – up to 25% shorter process times
- **ENERGY** – a unique, efficient drying unit
- **WATER** – low consumption in relation to capacity
- **SPACE** – small footprint
- **MONEY** – higher throughput equates to cost savings

HIGHER THROUGHPUT IN A SMALLER SPACE

The Getinge WD46 Turbo has verified and documented performance that complies with all relevant norms, standards and regulatory demands.



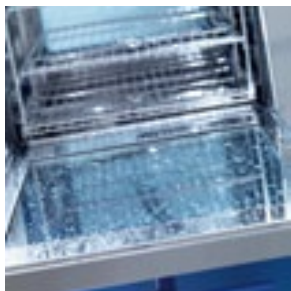
Unique Turbo Concept

The Getinge WD46 Turbo features a multi-tasking system, which enables us to offer one of the markets shortest process times. By eliminating the non-value added time in the cycle and preheating the final rinse water, the Getinge WD46 Turbo can achieve remarkably shorter cycle times, while still meeting high standards for cleaning efficacy and thermal disinfection.



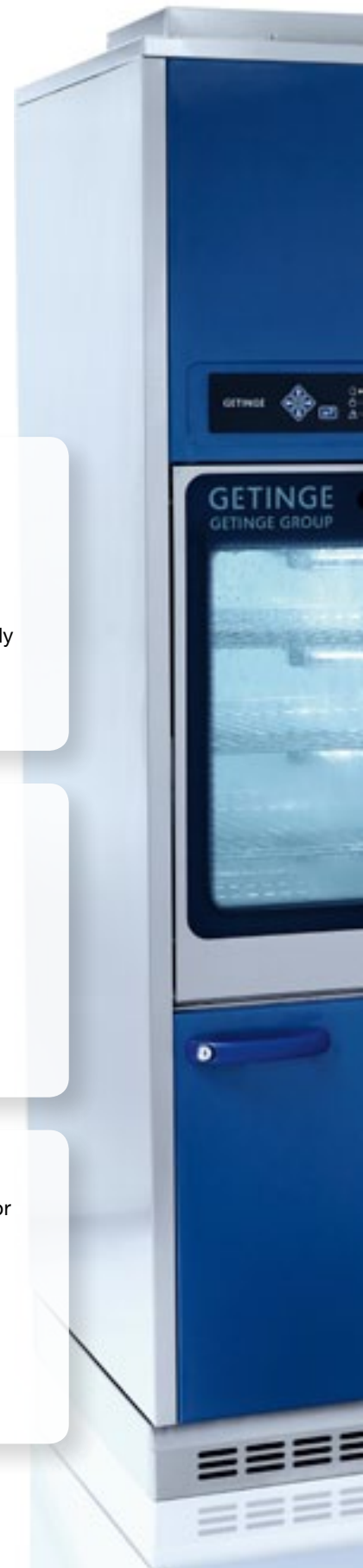
Compact Footprint with Good Capacity

The Getinge WD46 Turbo has a capacity of up to 10 DIN trays and a footprint smaller than most other mid-size washer-disinfectors. Naturally, this saves floor space and makes replacement easier.



More Efficient Circulation System

Every detail of the water system has been optimized for better performance. Unique process valves, improved piping and a more powerful circulation. The result is less resistance in the system, higher water flow in the chamber and better cleaning without increasing the water consumption.





USER FRIENDLY
OPERATING PANEL

DRYING SENSOR
(OPTION)

PACS 350 CONTROL
SYSTEM

EFFICIENT
CIRCULATION SYSTEM

EASY TO CLEAN
SPRAY ARMS

OPTIMIZED WATER
CONSUMPTION

VIEW IN PROCESS

EASY TO SERVICE

TWO MODELS AVAILABLE

User-friendly Operation

The easy to operate PACS 350 control system allows operators to select up to four programs with a single key and change settings directly on the touch button panel. The panel is flat and easy to clean with few buttons for a simple and safe operation.

Monitoring of Temperature and Pressure

Standard features like independent temperature monitoring, pressure monitoring of the circulation pump and easy to clean spray arms help ensure safe and reliable operation. The A_0 value calculation can be used to control the disinfection level and further shorten the process time.

Solutions for Full Traceability

Process record can easily be maintained via built-in or external printer. The optional NetCom communication solution allows the export of process data to a USB or T-DOC; Getinge's comprehensive Asset Management System.

Two Models Available

The Getinge WD46 Turbo is available in two different sizes in order to meet any customer need perfectly:

- WD46-4 Turbo with a capacity of 8 DIN trays / 6 US trays
- WD46-5 Turbo with a capacity of 10 DIN trays / 8 US trays

Both models are available as single or double door version.



SMALL CARBON FOOTPRINT

Main Focus: Efficient Design

At Getinge, we are committed to creating a sustainable society. We work purposefully to optimize our use of energy and natural resources, minimize our emissions and reduce the environmental impact of our waste management. Our overriding environmental objective is optimizing utility consumption and thus reducing the impact on the environment. The Getinge WD46 Turbo is an example of how we use smart technological solutions to keep energy and water consumption low.

Optimized Water Circulation System

The Getinge WD46 Turbo is designed using innovative technology and our extensive experience in washing and disinfection. By using an optimized fill volume and efficient circulation, water consumption is kept to an absolute minimum without compromising the cleaning efficacy. As a result detergent and energy consumption is minimized.

Energy-saving Drying Unit

The design of the drying unit helps save energy by using a heat exchanger to preheat the drying air and remove water vapor from the chamber exhaust. This energy saving process means shorter drying time and reduced energy consumption.

Automatic Drying Sensor

As an option, the Getinge WD46 Turbo can be equipped with an automatic drying sensor. The sensor monitors the humidity in the chamber and will automatically end the cycle when the goods are dry. Adjusting the drying time to the load saves both time and energy, while ensuring that the load exiting the machine is dry.



CONFIGURE IT TO SUIT YOUR NEEDS



The Getinge WD46 Turbo is available with a variety of options to optimize the configuration for specific customer needs. Each machine is manufactured according to a unique customer configuration, based on the selected options.

DRYING SENSOR

adjusts the drying time
according to the load

DRAIN COOLING

reducing temperature of
drain water

DOUBLE DOORS

pass-through functionality

LINE BREAKER

easy accessible power switch

PURIFIED WATER VALVE

optimal process result

SIGNAL EXCHANGE BOX

remote interface connection

CONDUCTIVITY MONITORING

extra quality assurance
before final rinse

PRINTER

built-in or external for
maintaining process records

FLOW CONTROL

ensuring correct dosage

NetCom

exporting process record via
USB or connection to T-DOC
Asset Management System

3RD AND 4TH DOSING PUMP

maximum dosing flexibility

A COMPLETE RANGE OF LOADING EQUIPMENT

The loading equipment for the Getinge WD46 Turbo takes flexibility to a completely new level. The new generation loading equipment is built in modules that can be combined to meet any customer need or application. There are accessories available for reprocessing surgical instruments, MIS instruments, anesthesia equipment, OP shoes, laboratory glassware and much more. Naturally, all loading equipment for Getinge 46-series is compatible with the Getinge WD46 Turbo.

Totally Flexible

Easily customizable wash carts ensure individual processing needs are met perfectly and adapt the same wash cart for many different purposes. Just rearrange it for the sizes, volumes or types of load you need to process for the moment. It is done in no time – and no tools are needed.

The flexibility of the system means fewer carts, which saves both money as well as space in the facility. As your need change over time, nothing is easier than to complement your carts with additional modules.

Read more about the loading equipment range in separate brochures!



ALL EQUIPMENT YOU NEED – AND MORE



Architectural Planning:

Getinge provides you with planning and design of your facility, for optimal workflow with expertise in infection control.



Equipment:

A complete range of washer-disinfectors, sterilizers, loading equipment and system accessories will together provide a total solution for different types of applications.



Service and Support:

Getinge's own service teams constitute complete installation service, technical support and preventive maintenance for maximum uptime. Worldwide network with technicians.



Consumables:

We offer a complete and comprehensive range of consumables, which in combination with our application specialists provide efficient and economical output.



Education:

Getinge Academy provides service training, application training, and technician training upon customer demand, held either at one of the Getinge Academy facilities or at customer sites.



Traceability:

Getinge's T-DOC software is a highly sophisticated and user-friendly documentation system, offering full instrument traceability and asset management for the healthcare sector.

TECHNICAL FEATURES



Getinge WD46 Turbo is available in two models, with a capacity of 8 or 10 DIN trays.

External Material	AISI 304L / ABS
External Dimensions (WxHxD)	850 x 1975 x 692 mm / 33.5 x 77.8 x 21.65 inches
Chamber Volume	280 L / 9.88 cu-ft (WD46-4 Turbo) 305 L / 10.77 cu-ft (WD46-5 Turbo)
Effective Chamber Volume	201 L / 7.10 cu-ft (WD46-4 Turbo) 225 L / 7.95 cu-ft (WD46-5 Turbo)
Chamber Material	AISI 316L
Weight (Operating Weight)	280 kg / 458 lbs (455 kg / 1005 lbs)
Communication Ports	2 pcs RS232 + 1 pc RS232/485
Chamber Electrical Heating Element	9 kW
Booster Electrical Heating Element	4.5 kW
Drying Electrical Heating Element	2 x 1.5 kW
Water Supply	CW and WW standard, TW option
Water Consumption per phase	21 liters / 5.5 gallons (46-4 Turbo) 23 liters / 6.1 gallons (46-5 Turbo)
Detergent Dosing Pumps	2 standard (+2 optional)
Circulation Pump Capacity	1.1 kW
Standards	EN ISO 15883, MDD, IEC, UL, EMC



COMPLETE SOLUTIONS FOR INFECTION CONTROL

Getinge is the world's leading provider of solutions for effective cleaning, disinfection and sterilization in the healthcare and life science sectors. We are dedicated to helping our customers provide better care at a lower cost. We do this by offering well-thought-through and customized solutions. This means that we are with our customers all the way from architectural planning and education to traceability and support – with complete solutions, long-term commitment and global presence. Getinge – Always with you.

Getinge Infection Control AB

P O Box 69
SE-305 05 Getinge
SWEDEN
Phone: +46 10 335 00 00
info@getinge.com

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www.getinge.com

GETINGE GROUP is a leading global provider of products and systems that contribute to quality enhancement and cost efficiency within healthcare and life sciences. We operate under the three brands of ArjoHuntleigh, GETINGE and MAQUET. **ArjoHuntleigh** focuses on patient mobility and wound management solutions. **GETINGE** provides solutions for infection control within healthcare and contamination prevention within life sciences. **MAQUET** specializes in solutions, therapies and products for surgical interventions, interventional cardiology and intensive care.