

CLENAWARE 

S Y S T E M S

ware excellence is standard



Product Information

TD50

MADE IN BRITAIN 



Product Overview & Key Features

Many types of Bacterial spores aren't simply killed by normal disinfection alone. Thermal Disinfection achieves a high level of disinfection in a shorter space of time and is also a safer and more effective method of disinfection.

The Clenaware TD50 Thermal Dishwasher has been introduced into many Hospitals and Care Homes nationwide to help in the fight against superbugs.

With a large number of crockery items used in these environments every day, the risk of contamination from an infected host is extremely high. By using a dishwashing machine with a Thermal Disinfection cycle, you can be sure that all infection is eliminated and so ends the chain of infection.

Designed For Healthcare

The TD50 has been designed and built for the Healthcare sector. The TD50 is a Thermal Disinfection machine that provides the most hygienic wash to all crockery and utensils. Thermal Disinfection is most effective at 82°C, which means that ALL viruses and bacteria will perish when exposed. With a large volume of crockery used in these environments every day, the risk of contamination is high. By using a dishwashing machine with a Thermal Disinfection cycle, you can be sure that all bacteria will be eliminated.

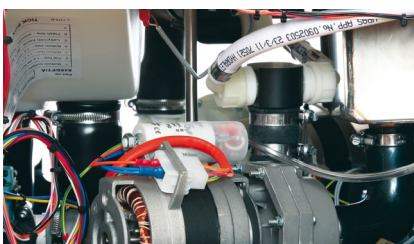


Fresh Water Wash

Unlike other machines that reuse the wash water, the TD50 is a "Fresh Water Wash" machine which always ensures the last wash is the same as the first. The "Fresh Water Wash" system replaces the wash water after every wash, and what's more, the rinse water is always fresh to ensure that you obtain the same consistent "Perfect" result every time.

Thermal Disinfection Cycle

The TD50 Thermal Disinfection cycle is set for a 2-minute rinse at 82°C, followed by a cooling rinse to ensure the crockery and tableware is safe to handle when removing it from the dishwasher. The thermal rinse cycle activates a special door lock for the duration of the rinse so that the door cannot be opened while the machine is performing a cycle, thus resulting in no risk of re-introducing bacteria.



Integrated Design

The TD50 Thermal Disinfection machine is a fully integrated machine, which comes fitted as standard with a rinse pump; wash pump and waste pump system. With other manufacturers, these are optional extras which can cost you hundreds of pounds on top of the cost of a machine. With its self-diagnostic system, the TD50 will let you know whenever there's a problem with its day-to-day running and diagnoses issues early, to help you avoid any unnecessary call outs for breakdown and repair.



Technical Specifications



	TD50 30 Amp	TD50 3 Phase
Machine Type:	Cabinet	Cabinet
Dimensions (mm):	W605 x H840 x D650	W605 x H840 x D650
Electrical:	Single Phase 30 Amp	Three Phase
Water:	Hot or Cold (Gravity or Mains)	Hot or Cold (Gravity or Mains)
Machine Finish:	Brushed Stainless Steel - 304	Brushed Stainless Steel - 304
Double Skinned:	Yes	Yes
Basket / Rack Size:	500mm sq	500mm sq
Basket / Rack Per Hour:	Up to 7	Up to 7
Basket / Rack Capacity:	16 Dishes - 30 Cups	16 Dishes - 30 Cups
Fresh Water Wash:	Yes	Yes
Standard Cycle Time:	10* Minutes	8* Minutes
Renovate Cycle:	No	No

*Cycle time is dependant on water supply

Technical Specifications continued on next page.



Technical Specifications
Continued



	TD50 30 Amp	TD50 3 Phase
Polycarbonate Cycle:	No	No
Closedown Cycle:	Yes	Yes
Break Tank:	Yes	Yes
WRAS Approved:	Yes	Yes
Water per Cycle (litres):	10	10
Rinse Booster Pump:	Yes	Yes
Pumped Waste:	Yes	Yes
Chemical Injection:	Peristaltic (Adjustable)	Peristaltic (Adjustable)
Chemical Sensing / Priming:	Yes	Yes
Soft Touch Controls:	Yes	Yes
Self Diagnostics:	Yes	Yes
Manufactured to ISO 9001 : 2008:	Yes	Yes



Installation Requirements

Siting

Positioning should be on a sound level surface with adequate clearance for servicing.

Electrical

30 Amp Machine: Supplied for a single phase 230-240v 50Hz operation, fitted with a 4mm² 3-core H07-RNF Mains cable. Fused @ 25 Amps.

3-phase machine: Supplied for three phase 400-415v (3Ph + N) 50Hz operation, fitted with a 2.5mm² five core H07-RNF mains cable. Fuse @ 15 Amps per phase.

The isolating switch must be positioned within one metre of the machine and be accessible.

Water

A hot and cold water supply is required.

Hot water must not exceed 60°C and be 0.5 – 1.5 Bar @ 5lt/min

Cold water must be a minimum of 5°C and be 0.5 – 10 Bar @ 5lt/min

The water supply must terminate with an easily accessible ¾" BSP Bib Tap within one metre of the machine.

Waste

The machine has a pumped waste system which requires a trapped open-vent up-stand, a minimum of 450mm from the base of the machine. If the machine is on a stand then the up-stand will need to be higher. The up-stand should be 1 ½" in diameter, and the outlet hose is inserted no more than 100mm to avoid siphoning.

Chemicals

Good quality chemicals should be used.

Chemicals are injected from external 5lt Detergent and Rinse-aid bottles via the chemical suction tubes.

Water Treatment

For hard water supplies, the use of an automatic water softener is strongly recommended.

Failure to comply with the installation requirements, cleaning procedures, or using the machine for purposes other than designed for, may invalidate the warranty.

CLENWARE

S Y S T E M S

ware excellence is standard



Clenaware Systems Ltd

44 Huxley Close, Park Farm Industrial Estate, Wellingborough. Northants. NN8 6AB

Telephone: 01933 666244 **Fax:** 01933 665584

Email: info@clenaware.co.uk **Web:** www.clenaware.co.uk

MADE IN BRITAIN 