

Thermal disinfecter TES 200

Professionally designed and made in Germany, a unique combination heating solution for HEPA room air filtration, thermal virus inactivation and thermal decontamination of respiratory masks, PPE and entire rooms



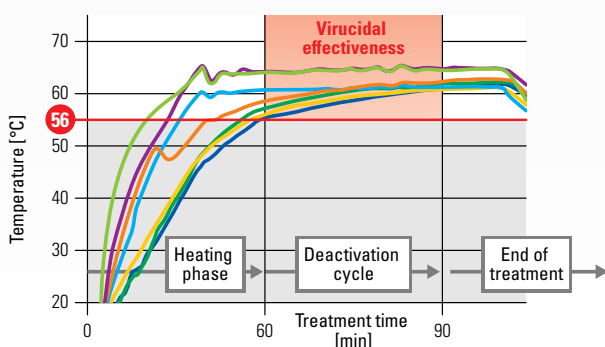
- Ideal for reprocessing disposable medical masks (MNS, FFP2/3) and PPE using thermal decontamination
- Powerful thermal disinfecter for mobile virus inactivation of entire rooms as well as of objects and on surfaces (e.g. care beds, bedside tables etc.)
- Surface target temperatures adjustable up to 65 °C (70 °C on request), therefore also effective against SARS corona, influenza, hepatitis viruses
- 360° inactivation, wherefore no "white spots" as they occur in practice during manual cleaning with disinfection chemicals
- Variably controllable exposure time of the surface decontamination temperature
- Omnidirectional air distribution for uniform heating of surfaces in cupboards, beds, tables, chairs etc.
- DualDecon function: Alternating use as a thermal disinfecter and between decontamination intervals as professional HEPA-H14-Air purifier for filtering viruses in rooms with high public frequency or in quarantine zones
- 4-in-1 function: Can also be used for thermostat-controlled room heating with simultaneous professional air cleaning and virus filtering
- 100% environmentally friendly at point of use, no chemicals, no harmful substances, hardly any personal costs
- Rooms can be used again immediately after decontamination
- 100 % odourless and free from allergenic substances
- Professional quality "Made in Germany" - Original Trotec Production

NEW



Example virus inactivation

Thermal decontamination of a furnished clinic container



Captions: Indoor air (green), Window (light blue), Table surface (dark blue), Wall (yellow), Printer housing (purple), Upholstered office chair (textile) (orange), Armrest office chair (plastic) (dark green)

NEW

TES 200 - Ideal for reprocessing disposable medical masks (MNS, FFP2/3) using thermal decontamination



The TES 200 is suitable for heat decontamination of used respiratory masks in accordance with current recommendations of the German government.

This special device "made in Germany" is not only a professional alternative to drying cabinets, which may not be available in sufficient quantities anyway, but can also be used variably for the thermal decontamination of PPE containers and entire treatment or recreation rooms.

In addition, the TES 200 can be used just as flexibly as the H14 large-capacity air purifier for virus filtering in public or quarantine zones.

For heat treatment, all breathing masks to be reprocessed, they can be collected in a material room and then thermally decontaminated with the TES 200 by a 30-minute treatment $\geq 65^\circ\text{C}$.



Thanks to the special automatic temperature control system and large power reserves, the decontamination process can be operated extremely productively and without interruption – even non-stop 24 hours a day.

The schematic examples show different application scenarios. After the equipment has been set up, only the integrated treatment program needs to be activated. The thermal decontamination process runs automatically either as individual decontamination per filling or continuously in a rolling loading process.

With continuous feeding, large throughput quantities can be achieved in a minimum of space - saving space and energy.

Extremely flexible use, not only for decontamination:

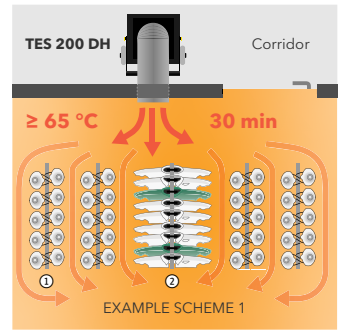
If the mask or bed decontamination is always to be carried out at shift change as an individual treatment and not as a continuous process due to large volume processing, the TES 200 can also be used as an H14 virus large volume air purifier in waiting areas, corridors or other highly frequented areas between the individual decontamination intervals.

The risk of infection can thus be effectively reduced even in large public areas or quarantine zones can be effectively shielded.

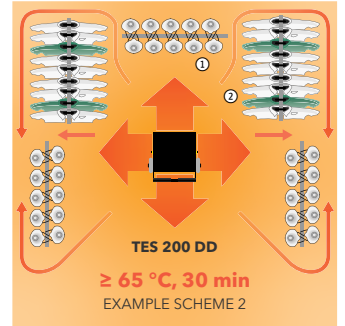
The H14 virus filter in the TES 200 is then automatically decontaminated during the next PPE or mask decontamination interval so that, for the next use as an air purifier, it can work itself "freshly decontaminated" as a room air virus filter.

The TES 200 thus practically has a self-regeneration function for permanent virus control. This is unique worldwide.

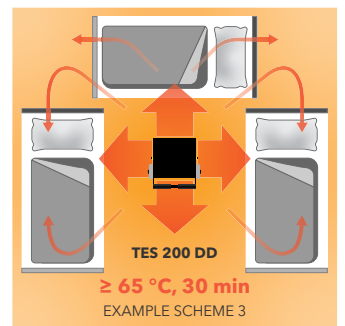
Thermal decontamination with the TES 200 can be used to reprocess both medical disposable orbital masks (MNS) and filtering half masks (disposable FFP masks).



Application example 1: TES 200 DH placed outside the treatment room with piped air supply into the room. There the respiratory masks to be reprocessed are collected (1), for example on mobile shelf trolleys, and also contaminated tunics, gowns, trousers etc. on gown stands (2).



Application example 2: Application as in example 1, but with TES 200 DD placed directly in the decontamination room.



Application example 3: TES 200 DD placed directly in the room with added beds of discharged patients for decontamination.



Technical data thermal disinfectant TES 200

Heating power	18 kW (optionally also up to 27 kW)
Air flow	continuously up to 2,500 m ³ /h (without HEPA)
Blow-out temperature	adjustable up to max. 95 °C
Target room / surface temperature	adjustable up to 65 °C
Automatic control	4 application programs
Treatment cycle	adjustable from 30 to 300 min
Thermostat / sensor connection ①	4-pin DIN socket
Air filter pre-filter	G4 (optional F7)
Sound level fan level 1/2	57 / 72 dB(A), distance 1 m
Power connection	CEE 32 A, 5-pin
Connection voltage	3 x 380 to 480 V, 50 / 60 Hz
Degree of protection	IP44
L x W x H	580 x 620 x 1,300 (1,200) mm
Weight	84 kg
Article number	1.410.000.180

Version with DualDecon blow-out tower

DualDecon blow-out tower	slat characteristic 360° omnidirectional (Article number 6.100.007.030)
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Available accessories

Dual heat exhaust tower	for room air heating and thermal disinfection, reversible with hose connection \varnothing 300 mm (Article number 6.100.007.031)
HEPA air filter	HEPA-H14 Heat Resistant
External room thermostat	on request

TES 200 – can be optimally equipped for every application

Version TES 200 DD

TES 200 with DualDecon blow-out tower for thermal inactivation and disinfection. With optional H14-HEPA filter, it can also be used as a virus-effective professional air purifier.



Version TES 200 DH

TES 200 with dual heat exhaust tower, can be used variably for thermal pest control or large area heating and connection to existing air duct systems.