

DEKO 25

Washer-disinfector



DEKO 25

The DEKO 25 has been designed to bring reliability, outstanding cleaning and disinfection performance and quality into one compact and economic washer-disinfector.

The DEKO 25 can be situated on a dedicated DEKO stand accessory or a cabinet, as well as, be positioned undercounter.

The DEKO 25 meets the performance and design requirements stated in EN ISO 15883 parts 1 & 2, as well as the safety requirements stated in IEC 61010-2-040.

Utilising the power of the 260 litres per minute circulation pump, process and cleaning results are guaranteed throughout the wash chamber. The capacity also allows for the insertion of additional wash racks to facilitate the washing of cannulated instruments, dental handpieces, hoses, glassware and rigid scopes.

The DEKO 25 comes as standard with pre-set programs installed and protected, however additional tailored programs can be added to meet any process requirements such as dental or laboratory use.

The washing spray patterns are delivered through two rotating spray arms or utilising jet rack connectors and guarantee water contact with all surfaces and crevices of instruments with the most intricate design.



A base cabinet or a stand are available as an accessory.

LOGIC CONTROLLED

The DEKO 25 presents the latest technology in user interface applications in washer-disinfectors. Information & control panel provides the means to view cycle information real time and view the remaining cycle time. Also included is an automatic cycle counter and the intelligent software provides advice on service actions.

EASE OF USE

The DEKO 25's door opens & closes smoothly and is locked securely throughout the cycle by the automatic locking system. The clear text on the display and the cycle complete indicator will inform the operator when the cycle has been completed.

The in-built condenser prevents the escape of excessive steam and minimises the moisture within the chamber at the end of the cycle.



TRACEABILITY AND VERIFICATION

In order to guarantee that the values of the critical process variables were truly obtained and as programmed, the DEKO 25 is equipped with an integrated process verification printer.

The critical process values i.e. temperatures, times, pressures, detergent dosage time and volume, faults, as well as descriptive cycle data can be independently recorded by for your Quality Assurance System.

Archive information includes: institution name, date and time and machine identification, cycle number, selected cycle name, phase descriptions, detergent dose volume and stage, chamber and wash temperature throughout the process and faults.

DURABLE QUALITY

The DEKO 25 is manufactured using quality polished stainless AISI 304 steel, it is easy to keep clean and is designed to withstand continuous use. Galvanised and painted metals and other non-compatible materials are totally avoided in the manufacture of the DEKO 25. Special attention has been given to sound and heat emissions by using the most efficient insulation and environmentally friendly materials.

Durability and reliability will allow continuous use in any busy and demanding environment, these types of heavy workload have been the key factors in the design of the DEKO 25.





RELIABLE

The DEKO 25 occupies its space efficiently - one unit requires only W600xD500 mm of floor space. All components are accessible by the quick removal of dedicated service panels and can be made without moving the washer. Efficient diagnostic is achieved by interrogation of the PLC through the simplistic service mode.

Water is introduced directly into the chamber through a type "A" air gap to avoid the need of cleaning and disinfecting separate water holding tanks.

Any information, personnel training and service calls are attended to with the utmost dedication and urgency.

SECURE

The advanced electronic control system can provide practically an unlimited number of tailored cycles with the 3 most used cycles available at a touch of a button and additional ones by scrolling. Process parameters are protected by security codes. The machine is facilitated by a 3 level access code to prevent unauthorised use of the machine.

Protection to thermo-labile medical devices is provided by a double overheat protection.

To achieve the outstanding, consistent cleaning efficiency the washer disinfector monitors the detergent volume very closely as well as preventing the washer to start if there is insufficient detergent volume to complete the cycle.



SUMMARY OF FEATURES

- overall dim. W460xD580xH845 mm
- usable wash chamber dim. W265xD390xH390 mm
- powerful circulation water pump, output 260 L/min
- framework, panels and wash chamber all made of stainless steel
- interlocking door
- fully automatic PLC control including back-up batteries for full memory protection
- 3+1 cycle selection buttons (1 scrolling)
- phase indication as text
- remaining cycle time indication
- cycle complete indication as text, a green led and an audible indicator
- fault indication
- multi-level access code system. Special codes for: user, maintenance, authorized person
- practically unlimited number of pre-set cycle library
- customized cycle files available
- access to regulation of critical process parameter values with authorized person entry code only
- cycle in progress: yellow led
- cycle complete: green led
- fault indication: red led
- special service and maintenance control system
 - malfunction identification
 - adjustment of controls
 - calibration of measuring instruments
 - manual override step by step
 - component test mode
 - fault listing
 - updates by a PC
- 1 sliding wash wire basket
- automatically connecting / closing wash arm and rack connectors
- 2 rotating wash arms with removable caps facilitating easy cleaning of the inner surfaces of the wash arm. No tools required for removing the wash arms
- detergent flow control
- adjustable automatic detergent dosing
- indication for insufficient volume of detergent to complete cycle
- boss entry port for test temperature sensor leads
- load temperature protection and overtemperature cut-outs
- automatic foam and washing water pressure control system
- opaque cold and hot water connection hoses 1/2" BSP
- drain outlet hose diameter 20mm
- sound and heat insulated
- height adjustable feet
- back syphon Type A air gap protection

OPTIONS

- upper basket incl. wash arm
- max 1 extra detergent pump
- max 1 extra adjustable rinse aid pump
- solenoid valve for connection to purified water supply
- cabinet or a stand for process chemical containers (accessory)

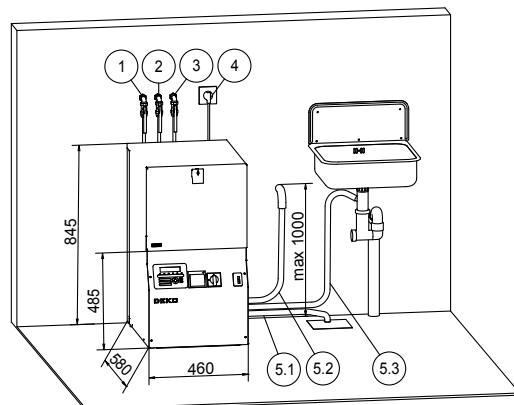
TECHNICAL DATA

Model	DEKO 25
Outer dimensions mm:	
Width	460
Depth	580
Height	845
Weight kg	60
Wash chamber volume L	
	40
Usable inner dimensions mm:	
Chamber height	390
Chamber width	265
Chamber depth	390
Wash levels	1(+1)
Usable height on lower level, mm	
	250
Usable height on upper level, mm	
	118/138
Wash arms max. (2 as std.)	
	3
Auto-connection for injection tube racks	
	1
Loading basket 370x370x80 mm	
	1(+1)
Water volume / one cycle phase, L	
	6.5
Electricity	
240V 1N 50Hz 3.5kW	16A
230V 1N 50Hz 3kW (United Kingdom)*	13A
200V 1N 50/60Hz 3kW*	16A
Please specify and contact for further details.	
Capacity & effects:	
Heating power kW	3
Heating power kW*	2.5
Circulation pump 260L/min, W	540
Outlet pump 28L/min, W	85
Outlet size diameter in mm	20
Outlet hose length 2 m	
Cold water hose L=1,5 m	
	R1/2"
Hot water hose L=1,5 m	
	R1/2"
Purified water connection	
	R3/4"
Min/Max water pressure bar	
	1/8

Subject to changes without further notice. Please ask the supplier for confirmation as required.

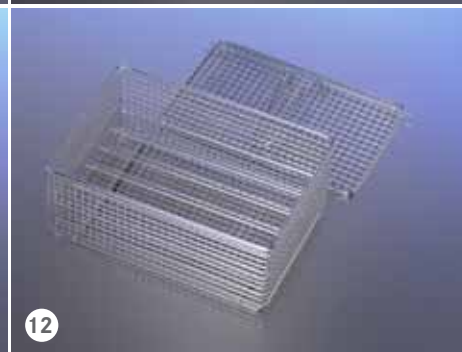
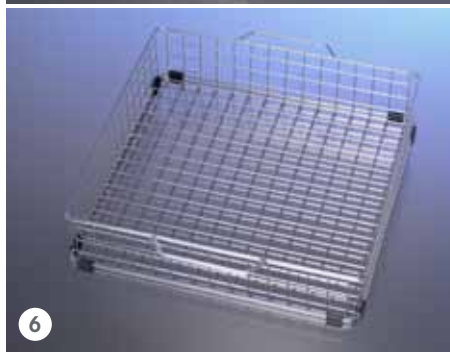
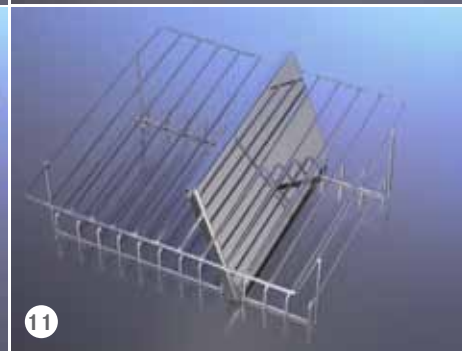
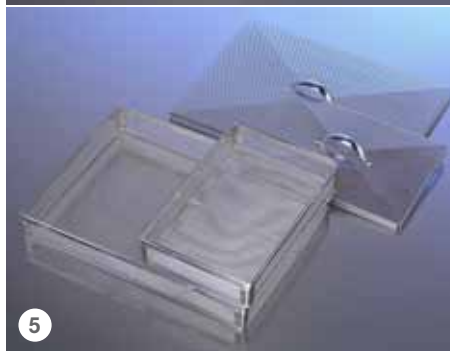
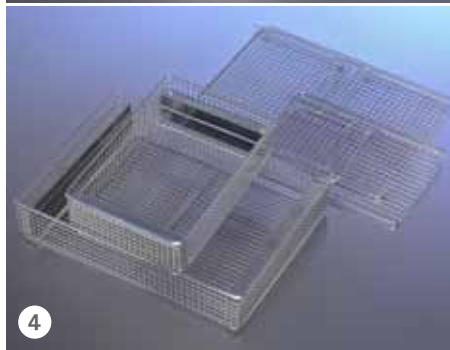
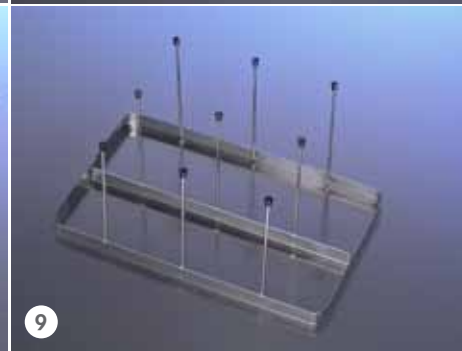
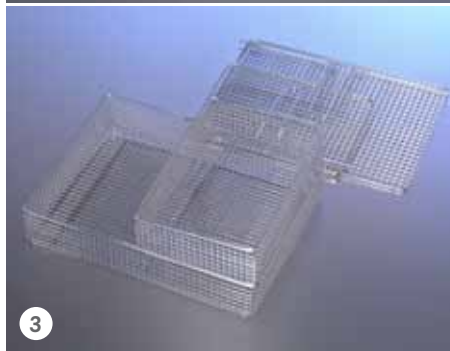
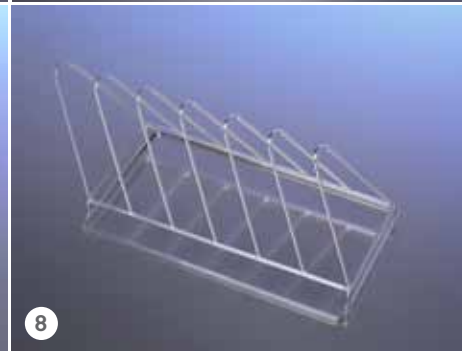
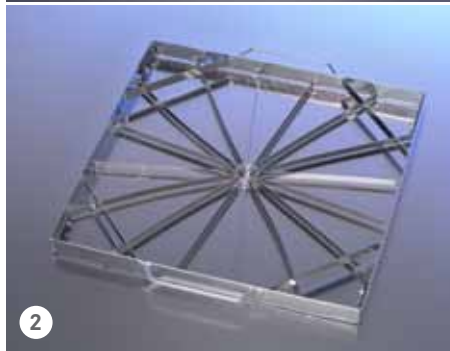
Included as standard:	Tests / Approvals:	SIS TR-3:2001
• 1 wash basket	ISO 9001	EN ISO 15883-1, 15883-2
• 2 wash arms	ISO 14001	IEC 61010-2-040
• 1 detergent pump	ISO 13485	CE 0537

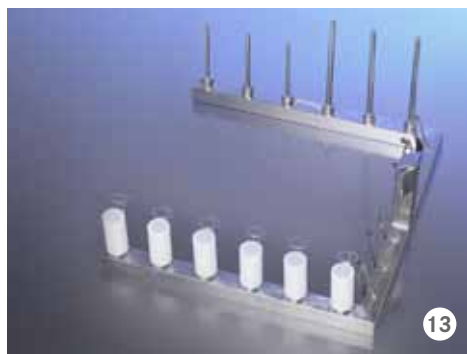
Installation example



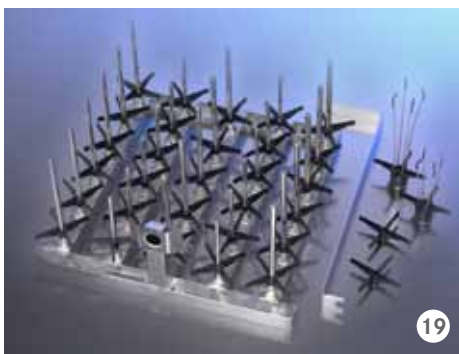
ACCESSORIES

1. 381326
Top wash basket incl. a wash arm
- dim. 380x380x90 mm
2. 374085
Lab wash base - dim. 390x390 mm
3. 381210
Instrument tray, 340x250x70 mm
381220
Instrument tray, 250x170x70 mm
381211
Tray lid, 340x250 mm
381221
Tray lid, 250x170 mm
4. 381215
Instrument tray with end plates
340x250x70 mm
381225
Instrument tray with end plates
250x170x70 mm
381211
Tray lid, 340x250 mm
381221
Tray lid, 250x170 mm
5. 381212
Fine mesh tray, 330x240x50 mm
381222
Fine mesh tray, 240x160x50 mm
381213
Tray lid, 330x240 mm
381223
Tray lid, 240x160 mm
6. 6381250
Base basket, one included as standard
- dim. 380x380x90 mm
7. 7381170
Utensil basket with a lid, 340x250x200 mm
8. 381685
Rack for 6 kidney bowls, 330x190x160 mm
9. 381525
Peg rack, 9xH150 mm pegs
- dim. 350x210 mm
10. 381214
Holder for 2 instrument trays
- dim. 320x130x130 mm
11. 381635
Tray holder, full size, 360x360x130 mm
381640
Stainless steel tray, 280x180x16 mm
12. 381540
Container for microscope slides, incl. a lid
- dim. 250x170x100 mm





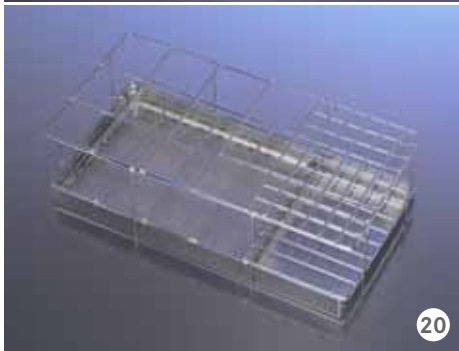
13



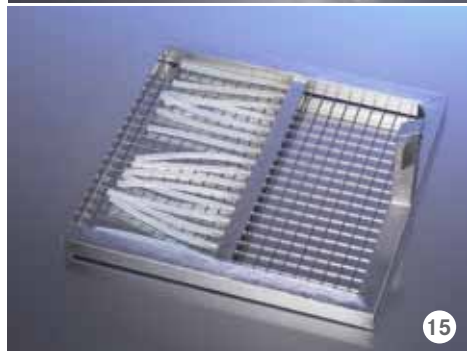
19



14



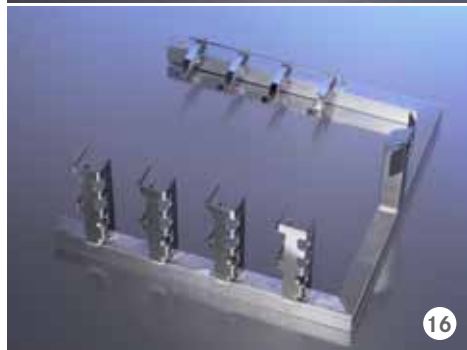
20



15



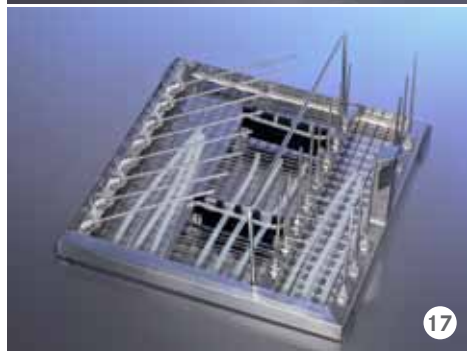
21



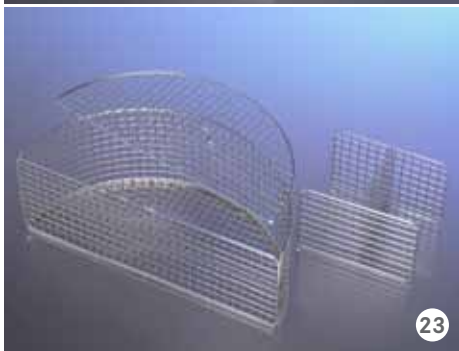
16



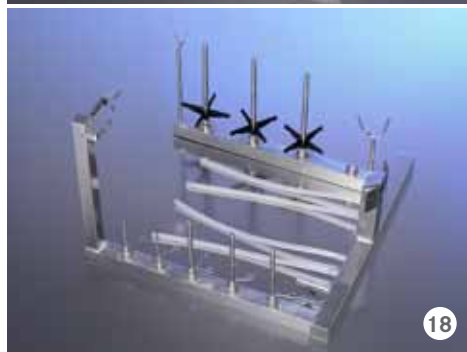
22



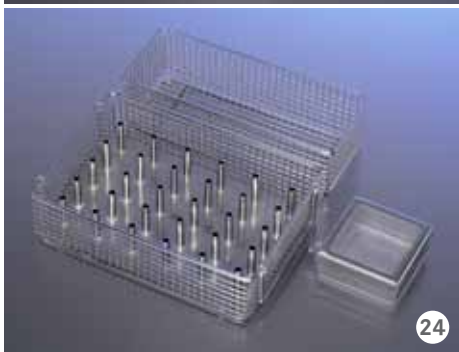
17



23



18



24

13. 381325
Injector rack for dental equipment e.g. angle pieces, turbines for outer cleaning

14. 381490
Injector rack for dental equipment e.g. angle pieces, turbines for outer cleaning

15. 381491
Injector rack for hollow devices eg. needles

16. 381492
Insert for 'Oras' faucet handles and hoses

17. 381493
Rack for rigid scopes

18. 381494
Rack for AN-equipment

19. 381560
Injector rack
- 18 jet tubes H150 mm, Ø 8 mm
- 12 jet tubes H100 mm, Ø 6 mm

381725
Jet tube tensioning key
N23658 Bottle holder for dia. 8 mm jet tube
N23659 Bottle holder for dia. 6 mm jet tube

381556
Bottle support 4 pegs, for 8 mm jet tube

381559
Bottle support 4 pegs, for 6 mm jet tube

20. 381218
Mirror compartment
- dim. 370x185x110 mm

21. 381551
Rack for 18 Petri dishes
- dimensioned to diameter
- std dim. 330x300x90 mm

22. 381260
Fine mesh tray, 370x370x40 mm

381536
Pressure lid, 370x370 mm

23. 381475
Half-circle basket, D 380 mm, H 135 mm
- includes a lid and compartment divider

24. 381227
Storage basket for angle pieces and turbines
- 30 places, dim. 250x170x70 mm

381230
Small box for needles and bore bits
- dim. 90x90x40 mm

381235
Instrument tray, 250x100x70 mm

Manufacturer:
Franke Finland Oy
Vartiokuja 1
FIN-76850 Naarajärvi
Finland

Telephone +358 15 34111
Fax +358 15 3411 560
www.franke.fi

