



DEKO

DEKO 25 | washer-disinfector

rhima





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. It 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.

The DEKO 25 can be situated on a dedicated DEKO stand accessory or, be positioned undercounter, either way, it will be an invaluable tool in your decontamination process.

SUPERIOR RESULTS

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. The capacity can be extended by an optional second shelf including its integrated wash arm.

The DEKO 25 is manufactured using quality polished stainless 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. Special attention has been given to sound and heat emissions by using the most efficient and environmentally friendly insulation 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.

QUIET, COMPACT AND RELIABLE

The DEKO 25 occupies its space efficiently; one unit requires only 600mm by 500mm (DepthxWidth) of floor space. All components are accessible by the quick removal of dedicated service panels and can be made without moving the unit. Efficient diagnostic is achieved by interrogation of the Programmable Logic Control unit through the simplistic service mode.

Any information, personnel training and service calls are attended to with the utmost dedication and urgency. Availability of spares is guaranteed for the minimum of 10 years after date of purchase.





STATE-OF-THE-ART CONTROL

Control of the DEKO 25 is by a Programmable Logic Controller (PLC) with the most advanced operating system available today. The high resolution, color TFT interface and information display panel means that the machine is simple to use.

The display provides clear and informative user and service instructions. To operate the DEKO 25 simply select the appropriate pre-programmed cycle and press the button – the PLC takes care of the rest. The selected cycle, batch number, current cycle phase, chamber temperature, washing pressure and remaining cycle time are all verified and presented on the easy to read display.

Security is provided by a three tier password system that allows user, edit and service level access. The precise, electronic control of the DEKO 25 saves time, energy and consumables. The PLC's process control and independent recording accuracy are compliant with the most stringent requirements of ISO EN 15883-1 & 2 for washer disinfectors.



INDEPENDENT PROCESS DATA VERIFICATION

The critical process values i.e. temperature, time, pressure, detergent dosing, as well as descriptive cycle data can be independently recorded by three different means to suit your requirements. Downloading can easily be undertaken to your PC or server by using the USB, or a direct Ethernet line. Additionally, you may register the process by an optional integrated or serial ink printer.

SUMMARY OF FEATURES

- PLC control
- high resolution color Touch-Screen interface & display
- 6+6 cycle selection & start keys
- overall dim. W460xD580xH845 mm
- usable wash chamber dim. W390xD390xH265 mm
- powerful circulation water pump, output 260 L/min
- opaque cold and hot water connection hoses ½" BSP
- drain outlet hose diameter 20 mm, Length 2 metres
- vapour condenser
- 1 removable, sliding wash wire basket (optional +1)
- automatically connecting / closing wash arm and rack connector
- 2 (+1) 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
- adjustable automatic detergent dosage by a pump
- foam and washing water pressure control system
- phase indication as text
- Trends key for temperature and pressure graph viewing
- remaining cycle time indication
- framework, panels and wash chamber of stainless steel
- door interlock
- cycle complete indication and an audible indicator
- multi-level access code system
- practically unlimited number of pre-set cycle library
- independent full process tamper-proof verification recording system. SD, USB, optional printer information:
 - name of institution
 - date & time
 - machine number
 - non-resettable cycle number
 - cycle name and configuration
 - cycle start and end time
 - temperature recording throughout the entire cycle
 - detergent dose verification
 - pressure registering
- Deko Cycle Data Viewer software for reviewing archived data
- special service and maintenance control system
- malfunction identification in text format
- calibration of measuring instruments
- component test mode
- fault listing

- updates by a PC and SD card
- indication for insufficient volume of chemicals to complete cycle
- cabinet for process chemical containers (accessory)
- boss entry port for test temperature sensor leads
- load temperature protection and overtemperature cut-outs
- sound and heat insulated
- back syphon Type A air gap protection

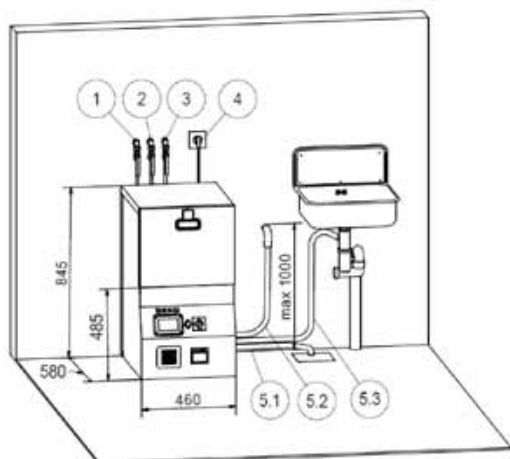
OPTIONS

- 1 extra wash shelf incl. wash arm
- 1 extra detergent pump
- 1 extra adjustable rinse aid pump
- solenoid valve for connection to purified water supply
- integrated process verification printer

TESTS & APPROVALS

- ISO 14001
- ISO 13485
- SIS TR-3:2001
- ISO 15883-1, 15883-2, 15883-5
- IEC 61010-2-040
- CE 0537

INSTALLATION EXAMPLE

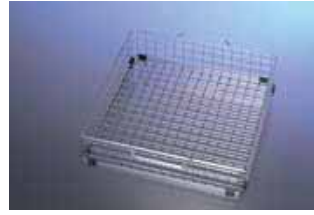


1. Cold water G1/2"
2. Warm water G1/2"
3. Pure water G1/2", optional
4. Electricity
5. Drain outlet NS dia 20 mm

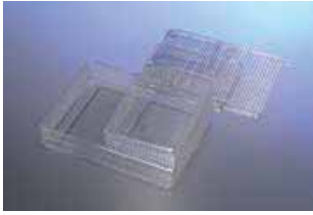
Accessories



381 326
Top wash basket incl. a wash arm
380 x 380 x 90 mm



381 250
Base basket, one included as standard
380 x 380 x 90 mm



381 210
Instrument tray
340 x 250 x 70 mm

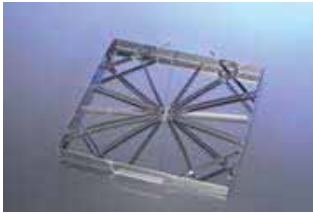
381 211
Lid 340 x 250 mm

381 220
Instrument tray
250 x 170 x 70 mm

381 221
Lid 250 x 170 mm



381 170
Utensil basket with a lid
340 x 250 x 200 mm



374 085
Lab wash base
390 x 390 mm



381 685
Rack for 6 kidney bowls
330 x 190 x 160 mm

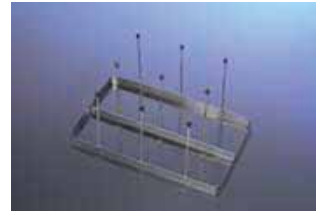


381 215
Instrument tray with end plates
340 x 250 x 70 mm

381 211
Lid 340 x 250 mm

381 225
Instrument tray with end plates
250 x 170 x 70 mm

381 221
Lid 250 x 170 mm



381 525
Peg rack, 9xH150 mm pegs
350x210 mm



381 212
Fine mesh tray
330 x 240 x 50 mm

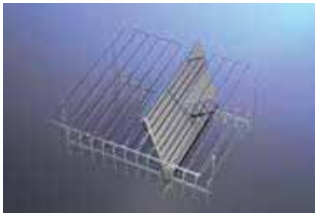
381 213
Lid 340 x 250 mm

381 222
Fine mesh tray
240 x 160 x 50 mm

381 223
Lid 240 x 160 mm



381 214
Holder for 2 instrument trays
320 x 130 x 130 mm



381 635
Tray holder, full size
360x360x130 mm

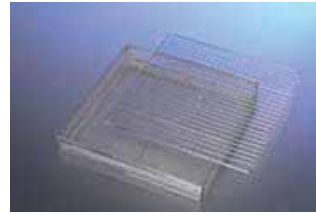
381 640
Stainless steel tray
280x180x16 mm



381 551
Rack for 18 Petri dishes
- dimensioned to diameter
330 x 300 x 90 mm



381 540
Container for microscope slides,
incl. a lid
250x170x100 mm

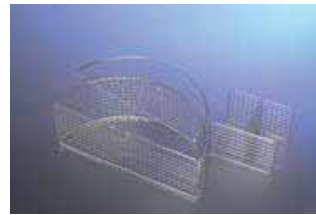


381 260
Fine mesh tray
370 x 370 x 40 mm

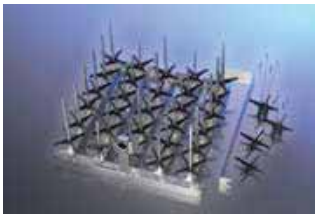
381 536
Pressure lid
370 x 370 mm



381 325
Injector rack for dental equipment
e.g. angle pieces, turbines for
outer cleaning



381 475
Half-circle basket
Half-circle basket
- includes a lid and compartment divider



381 560
Injector rack
18 jet tubes H150 mm, Ø 8 mm
12 jet tubes H100 mm, Ø 6 mm

381 725
Jet tube tensioning key
N23658 Bottle holder for dia. 8 mm jet tube
N23659 Bottle holder for dia. 6 mm jet tube

381 556
Bottle support 4 pegs, for 8 mm jet tube

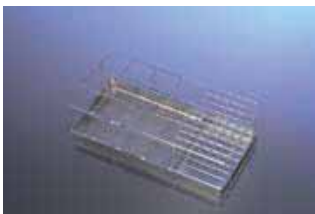
381 559
Bottle support 4 pegs, for 6 mm jet tube



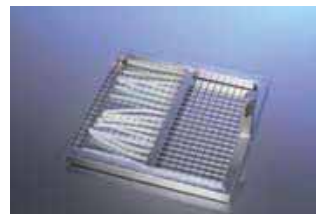
381 227
Storage basket
for angle pieces and turbines
- 30 places, 250 x 170 x 70 mm

381 230
Small box for needles and bore bits
90 x 90 x 40 mm

381 235
Instrument tray
250x100x70 mm



381 218
Mirror compartment
370 x 185 x 110 mm



381 490
Injector rack for dental equipment
e.g. angle pieces, turbines for
outer cleaning

381 491
Injector rack for hollow devices
eg. needles

381 492
Insert for 'Oras' faucet handles
and hoses

381 493
Rack for rigid scopes

381 494
Rack for AN-equipment



Quality
ISO 9001

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Version 1.0



DEKO

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