

KEN HYGIENE SYSTEMS A/S

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THE NEW IQ-SERIES

Life Science

The future of effective washing,
disinfection and drying

Clean Lean & Green

KEN HYGIENE SYSTEMS®





Intelligent Quality

- the future of effective disinfection




Advanced Hygiene Technology

The mission of the new KEN IQ series is to provide our customers and users with the ultimate intelligent hygiene solution.

Emphasis has been placed on the increasing demands for environment flexibility, efficiency, cost-effectiveness and documentation. The IQ series is therefore environmentally optimised and brings the future of washing, disinfection and drying to a new level.

Input from users and laboratories' experiences from hospitals has been a strong inspiration for this series of user-friendly washer-disinfectors with a unique hygienic design.

The IQ series delivers compact efficiency to meet the demand for high capacity in minimal space. At the same time, process times are reduced and washing capacity is increased compared to other brands and previous KEN models.



KEN Hygiene Systems A/S is an innovative company with over 75 years of experience within the development, production, sales and servicing of disinfecting washers, bedpan washers and laboratory washers as well as dishwashers for industrial kitchens and washers for the food industry. We offer a wide range of standard solutions and can also provide special solutions to meet individual requirements.

Today, KEN Hygiene Systems has a leading position on the Scandinavian market with its own sales companies in Sweden and Norway. Most of production goes to our export markets via an extensive network of dealers. Apart from trading with a number of European markets, KEN also exports to a number of Middle East countries as well as to overseas markets in South America and the Far East.

Our machines meet all relevant EU directives, such as the "Medical Device Directive" and the "Machinery Directive", and our Quality and Environmental Management System has gained certification in relation to EN ISO 9001: 2008, En ISO 13485: 2003 and EN ISO 14001: 2004.

Proven performance, reliability and space-saving design for laboratory washing

With its small carbon footprint and the shortest cycle times, the IQ series is a superior thermal washer-disinfector for laboratory washing.

The need for reduced process times has become more and more important, but process security cannot be compromised in any way. The IQ series can be connected to local networks or the internet and monitored from an external device. If the machine is connected to the internet, KEN can also connect to the machine and assist with remote diagnostics and remote support.

Side-by-side installation and compact efficiency reduce the space needed and increase productivity in a smaller space. Thanks to the user-friendly, intuitive and graphic screens, staff is able to monitor the progress of the washing cycles to ensure the optimal use of resources.

The IQ series even allows robotic loading and unloading, which reduces heavy lifting and improves the working environment inside the CSSD. These features facilitate management and the planning of daily activities.

The IQ series is unique in terms of:

- Lowest water consumption
- Lowest energy consumption
- Lowest chemicals consumption
- High productivity
- Ergonomics
- Remote service

THE KEN IQ SERIES

IQ series has glass doors with soft-close features

- Lowest water and energy consumption
- 40 programs
- Low noise level
- Small carbon footprint, minimal space requirements
- Graphic display with swipe feature or push button display for IQ4
- Remote service
- UPS – Uninterrupted power supply

Process time

Eco-Friendly

≥ 55 dBA



Control panel

Swipe to see all programs on IQ5 and IQ6



Enter



Open-Close



Back



Setup



Graf

User-friendly design

The elegant design provides a maintenance-friendly surface in tempered glass. The vertical glass doors with soft-close ensure fully controlled door operation. The optimised design and footprint of the IQ series make it possible to increase the capacity and flexibility of CSSDs and laboratories with compact side-by-side installation.

Intelligent disinfection

On the graphic touchscreen with swipe, all relevant information regarding programmes is visible to users. Spray arm rotation is precisely monitored and documented. To increase productivity in a modern laboratory, the IQ series is compatible with RFID rack recognition and is able to transfer data to regular computer systems.

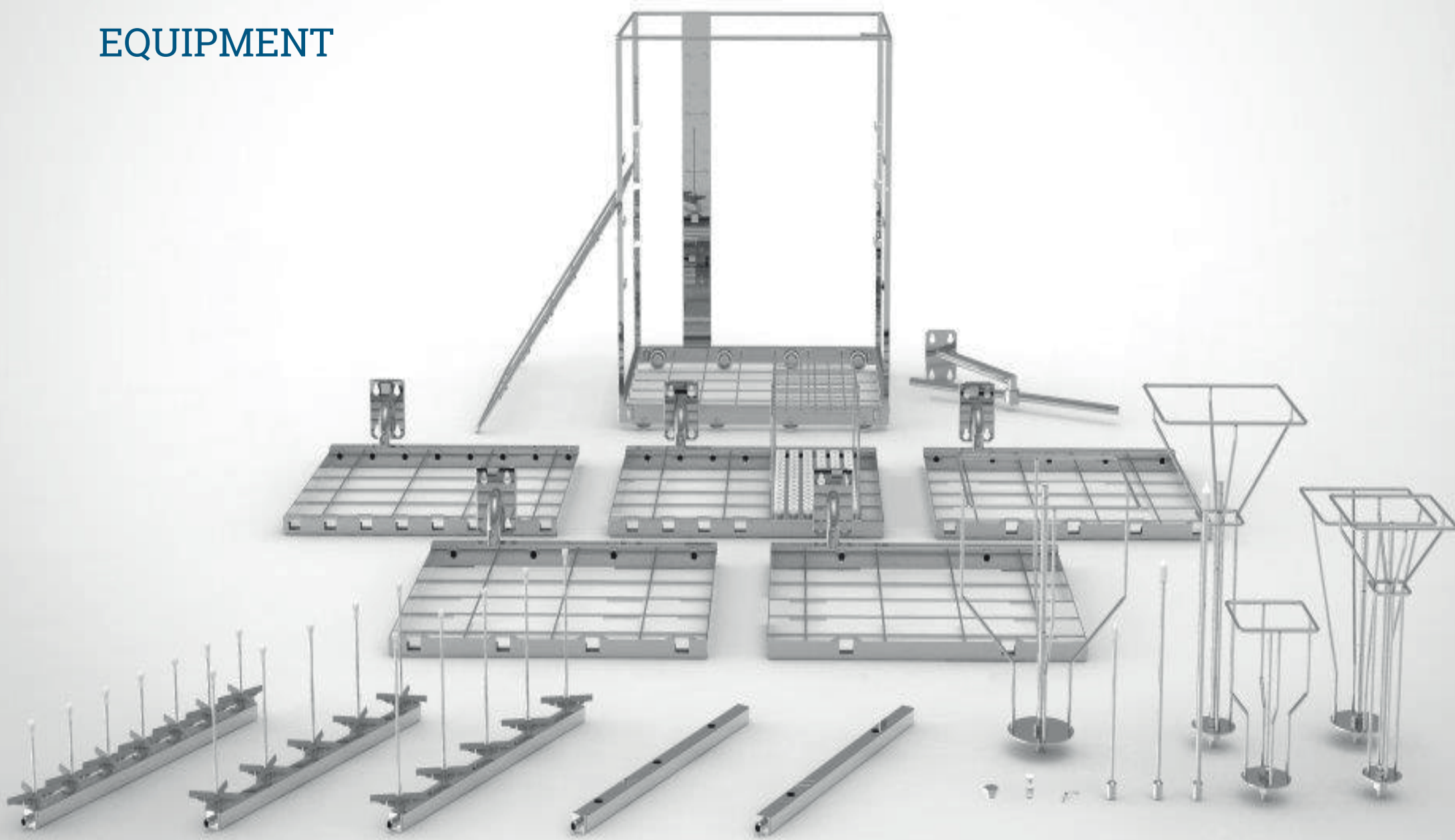
Environmentally optimised

The IQ series allows cycle times down to 34 minutes including drying to provide ultra-rapid reprocessing. The advanced hygiene technology of the IQ series enables substantial savings on water, chemicals and energy. The focus on reduced carbon footprint reduces operating costs to a minimum. IQ offers the market's lowest dBA to protect the working environment.

Superior service

Implementation of REMOTE SERVICE CONTROL reduces the distance between our highly-qualified service technicians and internal service teams to maximise uptime. All maintenance can be carried out from the front of the machine. UPS – continuous power supply ensures controlled shut downs.

EQUIPMENT



KEN SHELVES

Shelves designed for the flexible LAB rack:

A: Flexible 4-level rack for flasks and glassware sized 250 to 500 ml.
Res.: 2908343 + 3x2908344

B: Flexible 4-level rack for flasks and glassware sized 500 to 5,000 ml.
Res.: 2908343 + 1x2908345

C: Flexible rack with lower level for very tall flasks and glassware sized 1,000 to 5,000 ml.
Res.: 2908343 + 2908347 - combined with various holders

D: Flexible rack with the bottom level for volumetric pipettes, and flasks and glassware sized 100 to 500 ml.
Res.: 2908343 + 1x2908346

E: Flexible rack with lower level for very tall flasks and glassware sized 1,500 to 10,000 ml.
Res.: 2908343 + 1x2908348

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1: Plug for closing unused injector unit positions. ref. 2901020
2: Plug for closing unused threaded connections on units. ref. 8300091
3: Height adjustment spring for glassware supports. ref. 2900563



4: Cold touch handle for racks. ref. 2908193
5: Hook for loading & unloading racks from machine ref. 2908556
6: Glassware support for Ø4 injectors. ref. 7608938

KEN TROLLEYS

KEN has a very wide range of logistics solutions. It extends from the simple to the fully automated logistics solution, with robotics and related storage tables, monitoring screens and terminal tablets.

- Machine with flap door. This machine can operate completely without transport trolleys as the rack is pulled out on the door and can be emptied and filled directly on the door. This solution can be useful if the washing facility is small and there isn't much room for a transport trolley.
- The manual transport trolley. This is connected to the machine in front of the door and locks itself firmly to the machine. It can be loosened and released with a singlehand and is very user-friendly.
- The electronically adjustable transport trolley. This works more or less the same way as the manual trolley, but can be adjusted in height. It has several pre-programmed fix heights or can be easily and quickly programmed on site. The height adjustment is electronic and highly ergonomic.
- Automatic loading and unloading. The machines can have automatic loading and unloading in addition to the trolley systems. Staff can therefore avoid having to push or pull the heavily loaded racks in and out of the machine. The system is intelligent and therefore "knows" when a rack should be loaded in or out.
- Automatic loading and unloading with RFID. Works like a regular automatic loading and unloading system, but with RFID tag on the rack the machine automatically knows which program to run. This feature eliminates the risk of an incorrect program being selected. In addition, it allows the load to stand in a queue and start up without human presence.
- Fully automated logistics system. KEN AL10 is the optimal logistics solution for transporting instrument trolleys from the packing tables to the instrument washer- disinfectors. This unique, fully automatic solution requires no fixed rails or installations and therefore saves precious square meters. The RFID tags on the trolleys tell the KEN AL10 exactly which washer-disinfectors are suitable and vacant to wash the load on each trolley. This system has its own brochure. Contact KEN for further information about the market's best and most unique logistics system: KEN AL10.