# Innovative and Versatile Design

The MRT 130 Automatic Washing, Ultrasonic Clearing and Disinfecting Machine fulfills all hygiene requirements in hospital, laboratory or industrial environments

State-of-the-art technology meets all customer requirements, providing the following main benefits:

- ultrasonic clearing
- high performance washing
- Single 9 lt. chamber (W 332mm x H 120mm x D227mm) operation for all phases of washing, ultrasonic cleaning, Rinsing, Disinfection & Drying
- economic operation
- minimum water consumption
- less chemical additives
- energy savings
- short reprocessing cycles
- high processing reliability
- easy & automatic operation without manual interference/supervision.
- convenient servicing
- Acoustic & visual alarms for completion of cycle & errors.
- OPTIONS: a) Trays
    b) baskets
    c) Directed Airing System mrt 440
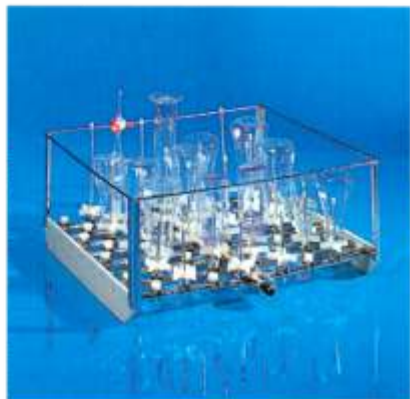
Wide application range in hospital

Designed for high performance, the mrt 130 can be used in the central or substerilization unit of a hospital to clean and disinfect all contaminated ultrasonic cleaner friendly instruments and utensils from the operating room with a complete control up to 60 minutes.

Combined with a variety of specially designed loading accessories, it demonstrates the flexibility required to treat various types of instruments from other specialized areas such as orthopedics, geriatrics and ENT, etc.

High-efficiency washing machine for the laboratory

The MRT 130 meets strict laboratory aseptic standards. An array of accessories enable the loading, cleaning and disinfection of all types of glass products and utensils, including such fragile objects as pipettes and test tubes.

High performance washing

Many years of testing under both laboratory and actual operating conditions have optimized the design of the MRT 130 Washing System to achieve outstanding performance.

The heart of the system is a highly efficient was-high pump which is adaptable to individual washing processes. The successful "MRT Washing System" ist further characterized by an improved and optimally functioning water channel design, combined with an indispensable water release and dispersion system.

Minimum water consumption

The MRT 130 reflects pioneering technique both ecologically and economically.

The proven dynamic washing system controls both washing performance and optimal water quantity for each machine process.
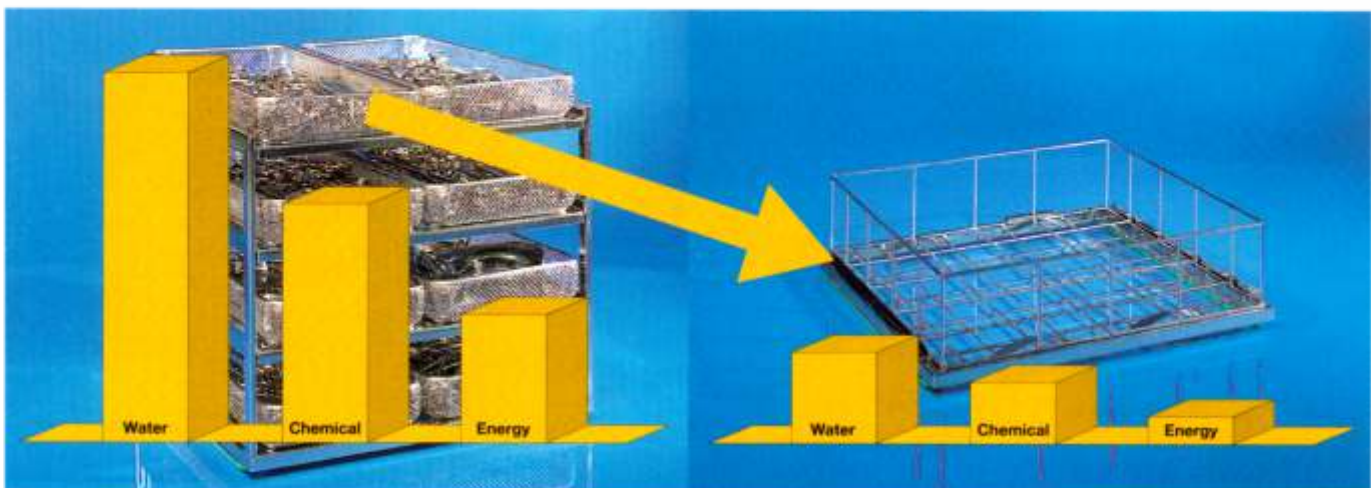
Large Load   **Small Load**

Less chemical additives

The proper concentration of chemical additives is vital to achieve good washing results. Reduced water consumption means less chemical additives are needed. Automatic calibration is made possible by modern technology.

Energy savings

The dynamic washing system minimizes energy consumption.

Safety

Digital temperature monitor and control with thermostat cut off.

Prevention against electric shock due to high voltage

Water level float, No water protection, Digitally controlled with the help of microprocessor

Shorter washing/ reprocessing cycles

Optimal program cycles result in shorter processing times.

The user friendly programmes can be customised as per requirement with cycle time up to 60 min
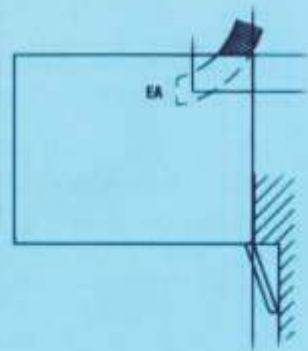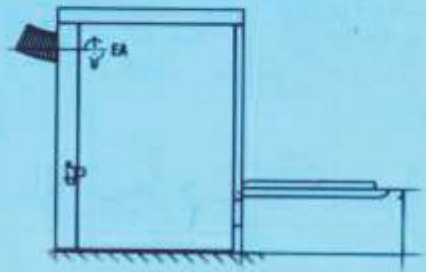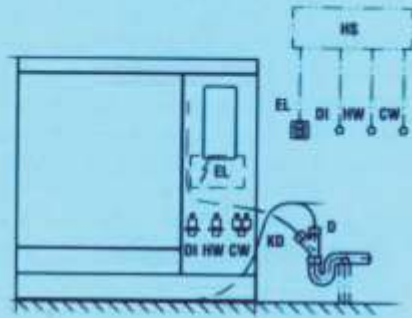
Technical Data

mrt 130 TOP/FRONT LOADING

OCT/2020

Connections

CW	Softened cold water, 200 - 500 kPa, 3/4" nipple, reinforced hose 2 m with coupling
HW	Hot water, 200 - 500 kPa, 3/4" nipple, reinforced hose 2 m with coupling
DI	De-ionized water, 200 - 500 kPa, 3/4" nipple, reinforced hose 2 m with coupling
EL	Electrical connection 220 – 240V 50 Hz, 1KW further variants available on request delivered with cable 5 x 2.5 mm^2, length 3m
D	$\varnothing$ 40 mm floor drain, syphon provided by customer
EA	Exhaust air $\varnothing$ 75 exhaust air hose, condensate drain provided by customer
	Ultrasonic Energy 38 KHz
	Tank material AISI316

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