

Product overview

Competence in Laboratory, Pharmaceutical and Cleanroom Technology



LABORATORY TECHNOLOGY

Thermal solutions for
research and
laboratory



PHARMACEUTICAL TECHNOLOGY

Sterility for
production and
testing



CLEANROOM TECHNOLOGY

Purity and safety
for people and
product

Hot-Air Sterilizers class 100 / class 10 000

- class 5 as per ISO 14644-1 / class 7 as per ISO 14644-1
- temperature range adjustable from +5°C over ambient temperature up to +250° C/+300° C
- stainless steel construction
- PLC system, microprocessor-controlled
- process documentation by recorder or process visualisation (PC)
- single- or double-door unit
- single sided loadable (designed trays or cart and trolley)
- double sided loadable (pass-through/drive-through function)

type STE 700 1500 2200 ➡ customized design



Laminar Flow Working Isolators / Sterility Test Isolators

stainless steel construction ■ PLC system, microprocessor-controlled positive pressure +50 Pa up to +150 Pa ■ H₂O₂-decontamination (hydrogen peroxid)

Laminar Flow Working Isolators

- laminar air flow grade A
- ambient room class D as per cGMP
- applications:
 - sterile requirements
 - sterile filling / weighing
 - tissue engineering

Sterility Test Isolators

- laminar or turbulent air flow
- ambient room non-classified as per GMP
- transfer hatches

4-glove | 3-glove | 2-glove | half-suit ➡ customized design



Disinfection Hatches / H₂O₂ Hatches

stainless steel construction ■ to be operated from both sides; mutual door lock PLC system, completely automatic process run ■ optionally to be fitted with transport and charging trolleys

Disinfection Hatches

- disinfection of objects / material before transfer into a cleanroom laboratory
- disinfection either by peracetic acid or by hydrogen peroxide
- pneumatic inflatable door gasket

H₂O₂ Hatches

- transfer hatch for aseptic transfer of material in pharmaceutical industry as per GMP guidelines
- sterilisation by hydrogen peroxide
- pneumatic door gaskets, controlled by press switch, with additional safety lock of doors

➡ customized design



Cytotoxic Isolators under negativ pressure

- safe production / handling of toxic substances
- safe and consequent separation of user and process by a self-contain system
- completely made of stainless steel AISI 304
- 2 hatches with foot switches for doors and mutual door lock
- cleanroom class in working area:
vol. 4 EU guidelines to GMP, grade A
- laterally integrated bag sealer (option)

type CMRI	2H2S	2H2S-L	4H2S
chamber width / mm	1191	1496	1801



Positive Pressure Isolators

- aseptic handling of pharmaceutical products, sterility tests, ancestral cells, cord blood
- safe and consequent separation of user and process by a self-contained system
- completely made of stainless steel AISI 304
- 2 hatches with food switches for doors and mutual door lock
- cleanroom class in working area:
vol. 4 EU guidelines to GMP, grade A

type PPI	2H2S	2H2S-L	4H2S
chamber width / mm	1191	1496	1801



Cleanroom Drying Cabinets

- temperature range adjustable 40° C up to +160° C
- horizontal air flow
- electronic temperature control
- completely made of stainless steel AISI 304
- flush-mounted door, single-sided
- cleanroom class ISO 5 as per DIN EN ISO 14644-1
- heat-resistant integrated HEPA filters

type TK/RR	973-1-100	1440-1-100	1452-1-100
volume / l	973	1430	1452



Drying / Sterilisation Cabinets

- temperature range adjustable from +5° C over ambient temperature up to +300° C
- forced convection
- electronic temperature control
- chamber made of stainless steel AISI 304
- perforated stainless steel shelves

type TK L	4105	4250	4878
volume / l	105	250	1050



Customized design

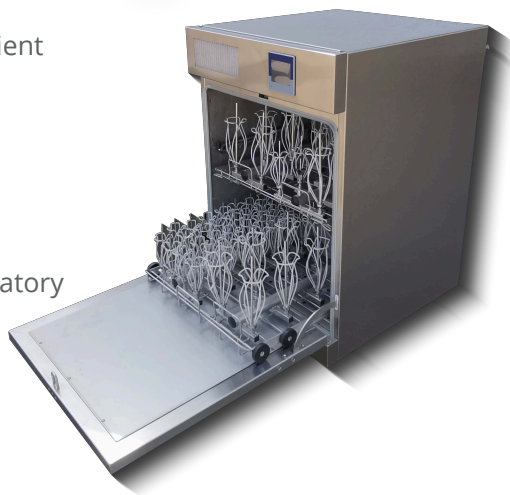
- external dimensions
- internal dimensions
- internal equipment
- material quality
- registration possibilities
- racks for keeping receptacles, bowls, etc.
- transport / charging trolleys
- customized design



Laboratory Glassware Drying Cabinet

- temperature range adjustable from +5° C over ambient temperature up to +90° C
- forced convection
- electronic temperature control
- completely made of stainless steel AISI 304
- for drying of glassware in baskets of the Miele laboratory glassware washer type PG8583
- retrofit kit for baskets and trolleys of the Miele G7783/G7883

type TK L G	154-M
volume / l	154



EHRET has over 90 years of experience in the development, manufacturing and distribution of equipment for laboratory, pharmaceutical and cleanroom technology.

Since 1 February 2018 **EHRET GmbH Life Science Solutions** is situated at our new location in Freiburg with state-of-the-art production technologies for sheet metal and system technology.

The **EHRET** team will continue to be at your disposal, qualified and competent, under the known direct dial numbers.

ONE-STOP SOLUTIONS

▶ Consulting

▶ Planing

▶ Engineering

▶ Production

▶ Start-up

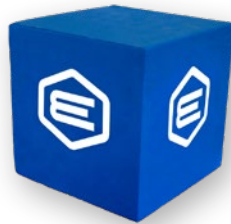
▶ Qualification

▶ GMP-GAMP-Documentation

▶ Service

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