



Laboratories

The Czech Republic = one of the best **healthcare systems** in the European Union

Czech companies are able to supply various kinds of **investment units**:

- + Hospitals
- + Modular Hospitals
- + Laboratories
- + Emergency Healthcare during Crisis Situations
 - Field Hospitals
 - Mobile Emergency Units
- + Public Health Protection Authority
- + Infection Departments/Wards

CZECH HEALTHCARE SOLUTIONS
by
Association of Manufacturers
and Suppliers of Medical Devices

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CZECH
HEALTHCARE
SOLUTIONS



BLOCK[®]

Clean Room Solutions

konvicny@blockcrs.cz
www.blockcrs.com

Turnkey implementations of laboratories

We deliver laboratories on a turnkey basis. We provide complex services and realizations in full: Tailor-made design solutions, Financing, Processing of design documentation at all stages of the project, Supplies and implementations in full, Validation of cleanrooms, Putting into service and training of the staff, Warranty and post-warranty service. For the implementations of laboratories, we develop and manufacture our own systems of cleanrooms. We are the producer of laboratory furniture and laboratory fume hoods, as well – under the KÖTTERMANN brand-name.

Isolators for modern and gene therapy; Isolator for cytostatics

The isolator ensures a high protection of the personnel working with cytostatics and other dangerous substances. They are used for the preparation (dilution and dosing) of cytostatics, processing of tissues and cells, production of vaccines and processing of other clean process-

es and handling with hazardous materials, e.g. in pharmacies, health research and experimental centres as well as in clean rooms in hospitals. They work in the „A“ Cleanliness Class vacuum atmosphere with laminar air flow of 0.45 m/s \pm 20%. We develop, design, and manufacture our own isolators. **+**



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Laboratory drying ovens

High-tech systems for heating and drying of materials with an accurate and reliable run of individual processes, suitable for use in research, development, production, business activities, or for quality control. The sectional principle that applies to the design of laboratory ovens allows a wide range of optional equipment and accessories. The basic model is available – depending on the oven type



ISOLATORS / BLOCK CRS



LABORATOR DRYING OVENS/BMT



LABORATORY INCUBATOR/BMT



STEAM STERILIZERS/BMT

– in volume size range from 22 to 707 litres, with either natural or forced air circulation and possibility to connect the vacuum.

Laboratory incubators

High-tech systems for incubation – both heating and cooling, humidity and light control – intended for use in research, development, production, business activities, or quality control. The sectional principle that applies to the design of laboratory ovens allows a wide range of optional equipment and accessories. The basic model is available – depending on the oven type – in volume size range from 22 to 1212 litres, with either natural or forced air circulation, natural heating and cooling, controlled humidity and controlled CO₂ atmosphere. The parameters inside the unit chamber are monitored and

documented with the help of a PC, using a special SW WarmComm (optional equipment).

Steam sterilizers

An integral line of large steam sterilizers for the health service and laboratories. The sterilization effect is achieved through the action of saturated water steam subject to a specified temperature, pressure and sterilization exposure time. Usually, a temperature of 121°C or 134°C is applied during the sterilization exposure time, which ranges from 4 – 60 minutes, depending on the nature of use. A module design allows variants to be put together according to customers' individual requirements. Most units can be ordered in a single- or double-door (open-through) design. ■



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The compact and powerful LVEM 5 and LVEM 25 electron microscopes do not need any special facilities for installation and can be placed in a standard laboratory. This, combined with high contrast from biological samples, quick sample exchange, and user-friendly software and controls, makes the LVEM instruments perfect tools for medical laboratories. ➤



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Laboratory equipment suitable for hospitals, blood laboratories and operations with high demands on resistance to chemical and mechanical loads. Used hardware with lifetime warranty. High pressure laminates or laminated finish. Wide choice of colours. Dimensions of individual elements of the assembly can be designed and adjusted according to the customer's wish. ➤

