



CONDIBOX

STERIMASTER

World Class
Machines.
Made in
Germany.

MUSHROOM SUBSTRATE STERILISATION

CONDIBOX STERIMASTER

The development of modern technologies such as computerized control, automated mushroom harvesting, preparation of compost, production of substrate, and new methods of substrate sterilization and spawn preparation, contribute to increase the productivity of mushroom culture.

All these aspects are crucial for the production of mushrooms with better flavour, appearance, texture, nutritional qualities, and medicinal properties at lower cost.

Among these technologies, the field of substrate sterilization is where our experience in the production of rectangular and cylindrical autoclaves fits best. CONDIBOX STERIMASTER is a fully automatic sterilization autoclave especially developed for mushrooms.

VACUUM AND STEAM

STERIMASTER BOX autoclaves are designed to provide vacuum up to -970 mbar (97,0%) and steam up to 110°C and 0,5 mbar pressure. In cylindrical design, the STERIMASTER HT is designed for pressures of max. 2,5 bar and 130°C.

Therefore, whatever will be the process desired for the sterilization of substrates, the equipment can be engineered for any size and process capabilities.

SINGLE OR DOUBLE DOOR

STERIMASTER autoclaves can be designed with one or 2 doors. Especially when further process steps in sanitized ambient are planned, the 2-door solution matches all requirements of clean environment production.



EASY HANDLING

The transport trolleys can be loaded into the chamber in many ways, depending on the set up of the plant. Also automatic transport solutions are possible.

HIGH QUALITY

Customers using STERIMASTER take advantage of the precision of our workmanship in engineering. With our long experience in manufacturing, we transform process needs in production machines.

100% EUROPEAN TECHNOLOGY



SAFETY SYSTEM

All relevant elements are executed according to EU regulations and valid norms. The door system has an automatic lock for accident prevention.

VACUUM

Machines engineered for dual function of vacuum and steam will be equipped with appropriate pumps adequate to the process purpose. Vacuum processes can be applied to intensify steam sterilization and reduce exposure time with same or even better results, as well as for soft and low energy drying purposes where ever needed.

We have a solid engineering basis and a long standing experience in both cylindrical and rectangular autoclave production.

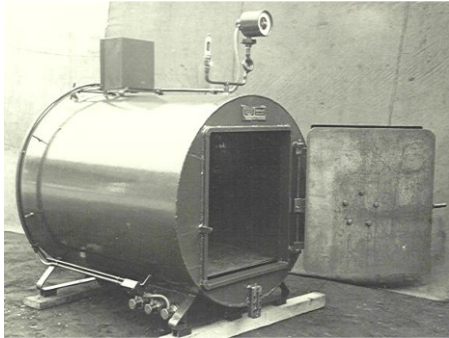
These enable us to produce equipment of the highest European standard. We designed and supplied a large number of high-tech production facilities with a large output, as well as a practical, technically non-complicated machines for smaller production purposes.

Our employees travel around the world to consult and service our customers.

CONTROL SYSTEM

Control systems and software programming are customised to attend all process and control demands. Due to its flexibility, later upgrades and modifications are easily possible.

OUR PROFILE



1856: FIRST IN BUSINESS

WELKER was founded in 1856 by Philip Welker, and is therefore, one of the most traditional suppliers for the Textile Industry. In the early 40's, WELKER started with the manufacturing of felt washing machines, paper processing machine lines with roller fulling and hammer die cutting machines.

In 1941 and the first generation of vacuum steaming equipment was developed and successfully introduced to the market. WELKER systems are installed world wide and are applied in all areas of heat-setting, conditioning, sterilizing, moisturising and drying.



WELKER IN THE WORLD

With more than 2.000 machines installed over the world and agents in all textile markets we provide project sales, installation and services to customers in all markets.



CONDIBOX

TEXTILE APPLICATIONS
MUSHROOM SUBSTRATE STERILIZER
GLASS FIBRE CONDITIONER



CONDIMAT

PLASTICS PA (NYLON) CONDITIONER



VAPOMAT

GLASS FIBRE
NYLON
ACRYLICS
POLYESTERS
STERILIZATION
ARTIFICIAL GRASS



PICCOLO

GLASS FIBRE
NYLON
ACRYLICS
POLYESTERS
STERILIZATION
ARTIFICIAL GRASS



MASTERSTEAMER

AUTOMOTIVE INTERIOR FINISHER

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