

A compact table top unit with high loading capacity and the performance of a big laboratory autoclave. The concept of LABOKLAV 25 is offering new technical solutions and a brand new design. The unit has a chamber lid made from temperature resistant safety glass, a transparent front cover made from safety glass, LED chamber illumination and coloured LED front lightning to visualize the cycle progress.

LABOKLAV 25 is extremely compact and space saving, but still offering the performance of a big laboratory autoclave:

- Sterilisation of liquids in open and slightly closed bottles
- Instrument sterilisation, also available with vacuum option offering pre-vacuum and drying vacuum
- Waste sterilisation at 134 °C

LABOBLUE – air cooling, Version M

- air cooling
- for open vessels and slightly closed vessels

The unit is equipped with a high efficient re-cooling system to dramatically reduce cooling down times when sterilizing liquids. As a result the cooling down time can be reduced up to 50% (depending on loading volume and vessel size).

LABOVAC – the complete vacuum system

- single pre-vacuum
- fractionated pre-vacuum
- drying vacuum
- additional heating during vacuum drying is integrated into the option

When sterilizing hollow items and mixed waste fractions a complete deaeration of the chamber is usually difficult to achieve. But the principles of steam sterilisation require saturated steam conditions, meaning the part of not condensable gases (e.g. air) should not be more than 2%. A vacuum system is required.

Integrated into the compact housing of the unit is a high performance membrane vacuum pump. The capacity of the pump is suitable to evacuate the chamber and the sterilisations goods fast and reliable. Depending on the sterilisation goods programmes with single pre-vacuum or fractionated pre-vacuum can be selected. During the drying vacuum the chamber is heated to increase the drying results. This extremely useful when drying pipette tips, glassware or packed instruments. The function is always included into the vacuum option

