



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 water-ring 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. The number of fractions, same as the vacuum values can be set in the relevant programmes.

A drying vacuum is useful when sterilizing pipette tips, glassware, filter and textiles since no drying in a drying oven is required after sterilisation. For drying purposes it is required to additionally heat the chamber during this process. During the drying vacuum the chamber is heated with steam pulsing through the double jacket. This function is always included into the vacuum option.

For the vacuum option it is required to connect the unit to a cold water supply.