



FILTRATION SYSTEM

TE-0591/1

Used for membrane filtration method.

Technical Characteristics

TE-0591/1

- Capacity: 3 tests with the possibility of test batteries in multiples of 3;
- Valve: - Cylindrical piston type - In stainless steel/teflon - Independent for each test - Seal with viton oring - Dismountable for cleaning - Autoclavable - Anodized handle;
- Perforated screen: - Porosity of $\phi 0.37\text{mm}$ - External $\phi 35\text{mm}$ - Allows coupling of $\phi 47\text{mm}$ filter paper - Concave for removal - In 304 stainless steel - Filtration area: 9.6 cm^2 ;
- Sample funnel: - In teflon - With inlet diameter: 67mm and outlet diameter: 49.8mm - Capacity 100m ;
- Sample bottle - In borosilicate glass - 250ml capacity ;
- Vacuum inlet: Olive system with quick fit via viton oring;
- Dispenser Cover: With quick fit via viton oring that allows connection to filtration batteries;
- Top fitting: - To accommodate teflon funnel with a capacity of 100 ml - For fitting the Teflon adapter to 250ml borosilicate flask;
- Cabinet: 304 stainless steel and anodized aluminum;
- Accompanies: - Instruction manual with warranty term - 3 100ml Teflon funnel - 3 Teflon borosilicate filter bottle adapters - 3 borosilicate filtration bottles;

Benefits and Advantages

- Compact and lightweight
- Capacity for up to 3 samples, with individual control by valves, replacing the traditional filtration system with the use of kitassato, buchner funnel and vacuum pump
- Perforated screen that allows the coupling of filter paper ($\phi 47\text{mm}$) in stainless steel 304 with concave design to facilitate removal
- Autoclavable Teflon cups, enabling sterilization for microbiology applications
- Dismountable system for asepsis
- Top fitting to accommodate 100 ml Teflon funnel
- Teflon adapter for 250ml borosilicate filtration system
- Stainless steel structure, increasing the useful life of the equipment
- Allows connection in the form of filtration batteries
- Rigid Quality Control, in which checks and tests guarantee the perfect functioning of the equipment, providing safety and client satisfaction
- Client service, to answer questions and provide explanations about the equipment and