



# ***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:  $9.6\text{ cm}^2$ ;
- Sample funnel: - In teflon - With inlet diameter:  $67\text{mm}$  and outlet diameter:  $49.8\text{mm}$  - Capacity  $100\text{m}$ ;
- Sample bottle - In borosilicate glass -  $250\text{ml}$  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  $100\text{ ml}$  - For fitting the Teflon adapter to  $250\text{ml}$  borosilicate flask;
- Cabinet: 304 stainless steel and anodized aluminum;
- Accompanies: - Instruction manual with warranty term - 3  $100\text{ml}$  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  $100\text{ ml}$  Teflon funnel
- Teflon adapter for  $250\text{ml}$  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