









BENCHTOP MICRO/ULTRAFILTRATION MODULE

TE-0198

Used in processes of concentration, recycling and separation of animal cells, microbial cells, enzymes, proteins and other macromolecules. The benchtop micro/ultra filtration module allows for the carrying out of several researches and pre-selection of compounds with flexibility for the use of columns with specific characteristics (pore size, membrane area and fiber diameter).



Technical Characteristics

TE-0198

- Controller: Dedicated system for monitoring and controlling rotation and time;
- ROTATION: Working range from 0 to 100%. -Control resolution 1% / Accuracy ±1%;
- TIMER: Working range from 0 to 9999 minutes. Control resolution 1 min / Accuracy ±1 s;
- Circulation pump: Flow: 100 2000ml/min -Hoses: 1.6 - 8.0 mm internal diameter with 2.4 mm thick - Maximum working pressure: 30 psi -Temperature: Ambient up to 90°C - Power: 30W, 24VDC - Supply voltage: 220V Single-phase;
- Stem for micro/ultrafiltration column: 0 70 cm;

- Connections for micro/ultrafiltration column: ½ 1
 ½TC;
- Base: In SAE1020 steel profile with electrostatic painting and polished 304 stainless steel finish;
- Dimensions: W=350 x D=350 H=1100mm;
- Accompanies: 0.5 m of marprene hose of 8.0mm in internal diameter with 2.4mm in thickness 2
 HOFFMAN tweezers 2x Oring TC ¾ from EPDM FDA 2x TC ¾" 304 Stainless Steel Clamp 2x
 DN100 pressure gauge with flush ¾" BSP male sanitary seal, 0 30 psi, 1%FE accuracy, 316L
 stainless steel mechanism;

Benefits and Advantages

- Automation in the filtration process
- · Work in continuous or batch system
- Reusable and easy-to-handle filtration column
- Selective, safe and aseptic (autoclavable)
- Column lifetime above 3 years
- Multiple speaker options for the same support
- Collection tank in several volumes and jacketed (optional)
- Compatible with any Bioreactor
- Possibility of using the BIO-TEC-PRO tower peristaltic pump Tecnal brand.

