

**Features:**

- Supply unit for experimental filtration units

Tesca Suspension Production Unit provides the experimental filtration units with a suspension of diatomite and water (recommended). It is prepared in the stirred tank. The stirrer ensures that the solid remains suspended and does not settle. An eccentric screw pump delivers the suspension to the connected experimental unit. The pump rotor is made of stainless steel. It runs inside an elastomer housing. A manometer indicates the head. A pressure cut-out switch stops the pump if the pressure is too high. A temperature transducer protects the pump from running dry. The speed of the pump can be adjusted on a potentiometer. The stirred tank features a level indicator and three flow impellers. All necessary connecting elements are supplied to connect the supply unit to the relevant experimental filtration unit.

Specifications:

- Supply unit to produce and deliver suspensions for experimental filtration units
- Stirred tank with lid and stirring machine to

prepare a suspension

- Eccentric screw pump, with pressure cut-out switch, dry-running protection and adjustable speed, to deliver the suspension

Technical Specifications:

Tank: 200L, stainless steel

Stirring machine

- Power consumption: 180W
- Speed: 1000min⁻¹ (constant)

Pump

- Max. head: 50m
- Max. flow rate: approx. 230L/h

Measuring ranges

- Manometer: 0...10bar

Requirements:

- Mains Power 220 – 240V @ 50Hz, 1Ph

Note: Specifications are subject to change.

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