PCT 020

DIDATEC TECHNOLOGIE

Study of Liquid and Gas Conductivity

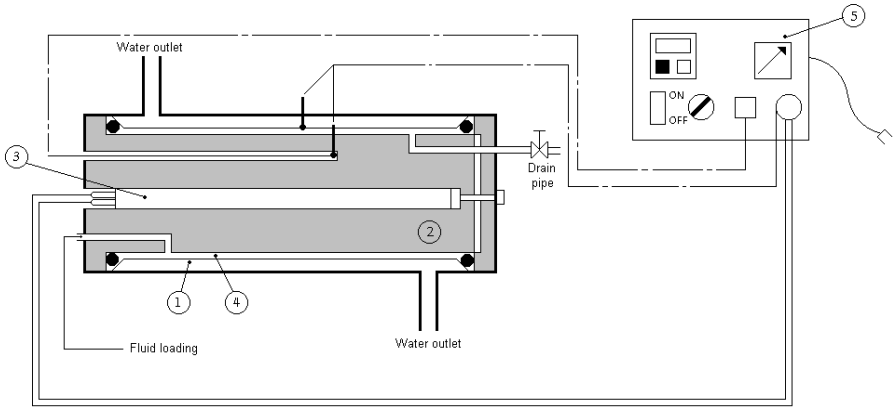
DESCRIPTION

- **The system is made up of a heated internal cylinder and a concentric external tube, which is cooled by the circulation of water.**
- **The fluid to be tested for conductivity occupies a small radial space between the cylinder and the tube.**
- **The instruments provided are used to measure the temperature of the hot and cold sources and the power used to heat the internal cylinder. After the unit has been calibrated it is possible to deduce the conductivity of the fluid being tested.**
- **The bench is delivered fully equipped and includes a technical manual as well as instructions.**

SUGGESTED APPLICATIONS

Measurement of the conductivity of liquids and gases after the calibration of the unit with air

PCT 020



1. Cold source through circulation of water. Water Jacket type
2. Cylindrical hot source equipped with a heating cartridge
3. Heating cartridge (100 W)
4. Ring shaped space containing the fluid under study
5. Control panel consisting of :
    - Power control and its indicator
    - A temperature display with a selector to identify the temperature source
6. A voltmeter / ammeter

UTILITIES

Electricity : 230 V single phase
Water : 3 to 5 L/min

INSTALLATION VOLUME

Length : 300 mm
Width : 300 mm
Height : 300 mm
Weight : 9 kg