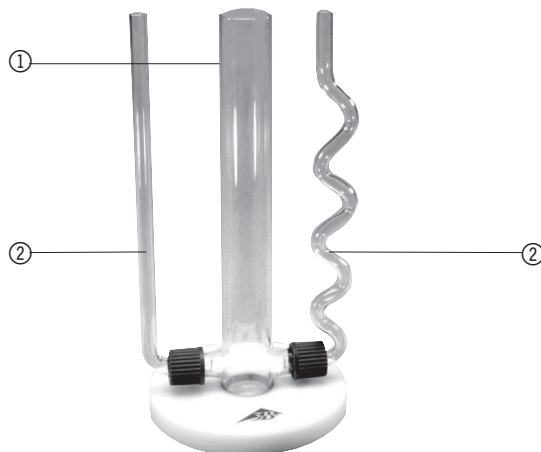


U14321 Connected tubes

Operating instructions

1/03 ALF



- ① Upright vessel
- ② Glass tubes

This apparatus is used to observe water levels in tubes which are linked together.

1. Safety instructions

- Handle the glass vessel carefully to avoid breakage and resulting injury.
- Avoid an exertion of mechanical loads on the apparatus.
- Proceed carefully when interchanging the glass tubes.
- Be careful when using coloured water not to let it splash on your clothes, for example

2. Description, technical data

The communicating tubes apparatus consists of a glass cylinder in a plastic base plate. Two outlets each with a GL screw connection are located at the bottom for the purpose of mounting two differently shaped glass tubes

Height: Approximately 220 mm
Diameter: 25 mm
Tube diameter : 10 mm
Screw connection: GL-17

3. Procedure

- It is practical to use coloured water during the experiments.
- Loosen the screw connections on the upright cylinder.
- Mount the two glass tubes and screw them tightly into place.
- Fill the upright cylinder to approximately 2/3 with water.
- Check the water level in all three vessels.
- As a demonstration, tilt the apparatus toward either side and check the water level again in each case.