Operating instructions

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.