

Manual for the Mettler F20 soil pH meter



Soil solution:

1. Put 10 g of soil sample in a 50 ml or 100 ml beaker
2. Add 25 ml of distilled water (Milli-Q) and stir well for 5 minutes

How to use the device:

3. Start the device, push READ, the pH meter should show **ATC** and the temperature
4. Carefully remove the cap from the electrode without spilling the KCl solution
5. Wash the electrode with distilled water (bring an additional beaker to the lab for this)
6. Put the electrode in the solution, and take the reading with READ
7. Rinse the electrode with distilled water between your measurements
8. At the end of all your measurements, rinse the electrode again and put back the cap with the KCl solution, so that the head of the electrode is submerged in the solution
9. Shut down the device