

## SPECIFICATIONS

### Total Length:

32.7 cm

### Diameter of tube:

3.1 cm

### Sintered stainless steel disc:

4.5cm dia.,3 mm thick

### Length of

### suction regulation tube:

10.2 cm

### Suction range:

0.5 to 7cm of suction

### Length of

### water reservoir:

21.2 cm

### Length of Mariotte tube:

28cm

### Volume of water

### required to operate:

135ml

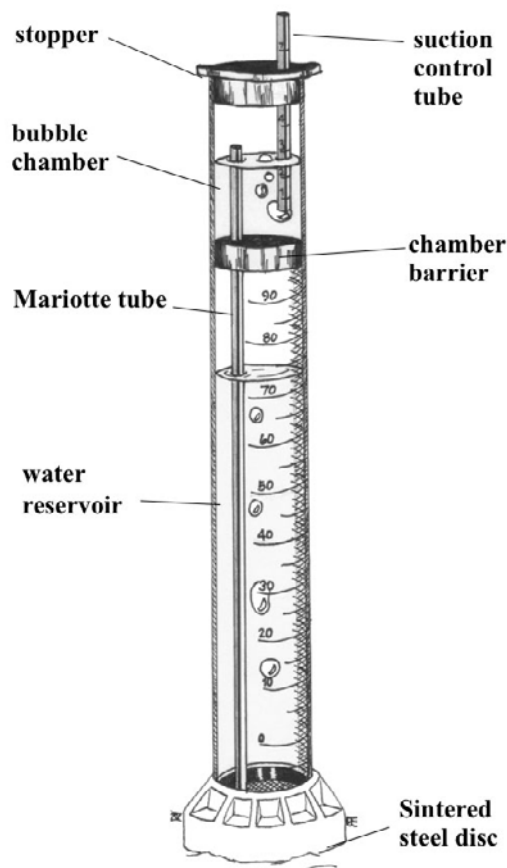
# Mini-Disk Infiltrometer

Decagon's handheld Mini-disk Infiltrometers provide quick and convenient measurement of soil hydraulic conductivity. The infiltrometer is constructed of a polycarbonate tube with a semi-permeable stainless steel sintered disk. An adjustable steel tube is installed above the sample chamber to regulate the suction rate.

The infiltrometers are ideal for soil hydrology studies, classroom instruction, and many other applications that rely on accurate measurement of hydraulic conductivity. The suction rate can be adjusted to accommodate measurement of any soil type.

## How it works

The process is simple. The infiltrometer is immersed in water and the rubber stopper is installed while it is still underwater. When taken out of the water, it will not infiltrate until the water tension on the disk is broken. The disk is placed on the soil surface, and the volume change is recorded at regular intervals.



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