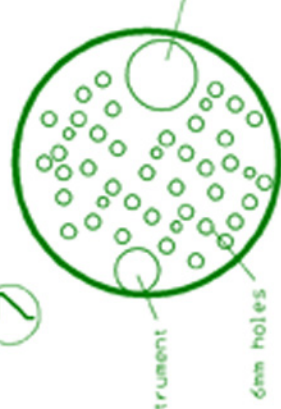


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Strainer

for homogenize coarse particles in suspension



LOW END OF THE TANK



DESCRIPTION

To achieve a constant flow it is necessary to build a turbulation chamber divided by a strainer from the calibration chamber

It is recommended to use a high flow garden pump with a minimum flow of 120 litres per minute

The guide wall at the bottom of the tank is necessary to prevent sediments from settling down at the edge of the tank bottom. The guide wall will force the sediment to the pump inlet

To prevent interference by infrared containing light sources (sun, light bulbs, etc.) the tank must be covered with a black plastic bag while calibration routine is running. Fluorescent light sources have no impact to the instrument but infrared light sources must be avoided

All jet pipe joints have to be pressure adjusted

ATTENTION !

DO NOT DISPOSE THE INSTRUMENT TO THE JET DIRECTLY (ABRASION)

ITEM LIST

- 1 PRESSURE PIPE 40MM WITH-TURN ON TOP
- 2 PLEXI GLASS PIPE (200MM DIAM, 2.5M LENGTH)
- 3 U-TURN PIPE
- 4 FILLING AND SAMPLE VALVE (1/2 INCH QTY.: 4)
- 5 GARDEN PUMP (MIN. 120 LITER/MINUTE FLOW)
- 6 SEALED END PLATE (PVC OR PLEXI GLASS)
- 7 STRAINER (PVC OR PLEXI GLASS PLATE)

ASM CALIBRATION TANK

TITLE: calibrantank2

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