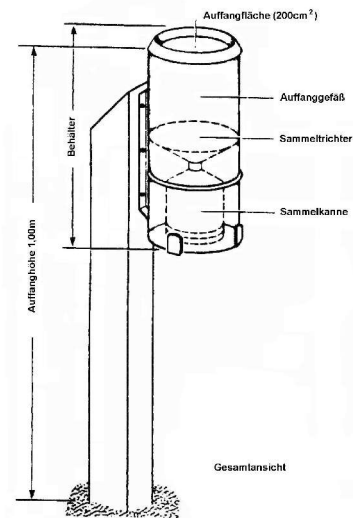




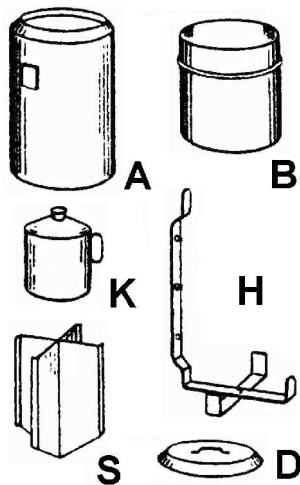
description

For the registration of all precipitation, falling on the earth's surface it use the precipitation level [mm] as a main parameter. It indicates, how highly the precipitation would cover the ground, if the precipitation neither evaporated nor flows off or seeps. Each millimetre of this high corresponds thereby to an amount of precipitation of 1 litre for each m² earth's surface. If the precipitation falls in hard

form (like a snow, etc), then the water level of the melted precipitation will be calculated as precipitation level. The precipitation measurement takes place via simple catching of the precipitation, whereby the precipitation measuring must be set up obstacle-free. It is demanded that the horizontal distance to obstacles (buildings, trees, walls etc) corresponds at least to the height of the respective obstacle. The value of precipitation, which falls at the high of 1 m over the ground through a horizontal hole, is collected in a can. For the measurement of the collected precipitation it uses a calibrated measuring cup.



rain and snow measurement



The rain and snow gauge after HELLMAN consist of a cylindrical collecting basin A with a collecting surface of 200 cm². The collecting basin has a funnelled bottom with an expiration sleeve, by which the precipitation runs into a collecting can K inside of container B. The rain gauge is fastened with the help of the anchoring H at the collecting surface is 1 m over the ground. Additionally at the beginning of the cold season one snow cross S must be into the rain gauge inserted. It prevents a possible outsores of the pleased snow.

For measurement the collecting can K with collected precipitation have to be removed from the container B and precipitation level in mm can be easily calculated with the help of measuring cup. At the precipitation in hard form, the entire rain gauge must to be removed and be exchanged for a second one. The precipitation is to be melted in a moderately warm area. The rain gauge is covered with the cover D to protect from evaporation.

delivery set:

	440202	440201
basin (A)	2 pieces	1 piece
container (B)	2 pieces	1 piece
can (K)	2 pieces	1 piece
anchoring (H)	1 piece	1 piece
snow cross (S)	2 pieces	-
cover (D)	1 piece	-
measuring cup	1 piece	1 piece

The Fischer company reserves the right to make changes/improvements to their products and to their specifications at any time without prior notice to anyone.

