

Product Name :
Studies In Hydrology**Product Code :**
FUDE0047**Description :**

Studies In Hydrology

Technical Specification :

In civil engineering, studies in hydrology are conducted in connection with the design, construction and operation of hydraulic engineering systems and water management functions. The studies focus on topics such as seepage and flow of water in the soil and the use of groundwater resources.

It can be used to study seepage and groundwater flows after precipitation. Variable precipitation density and areas and different groundwater supply and drain possibilities allow a wide variety of experiments.

The precipitation element consists of two groups of three nozzles. The core element is a sand-filled, stainless steel experiment tank with inclination adjustment. Water can flow in (groundwater) or out (drainage) via two chambers on the side. The experiment tank is separated from the chambers by fine mesh screens. To study the lowering of groundwater, two wells with open seam tubes are available. Supply and water drain can be opened and closed, thus allowing a wide variety of experimental conditions.

At the bottom of the experiment tank there are measured connections to detect groundwater levels, which are displayed on 19 tube manometers. The water supply is controlled by a valve and read on a flow meter. The water drain is determined by a measuring weir.



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