

HOOK GAUGE EVAPORIMETERS

The Hook gauge evaporimeter measures the rate of evaporation by the change in level from a free water surface in a pan or tank. It is used by meteorologists and water engineers throughout the world, especially in hot, arid countries where water conservation is of vital importance.

The water level in a 'Class A' pan is measured, usually every 24 hours, by adjusting the height of the hook until its point just breaks the surface. The measurement is carried out inside a 'still well' which provides a small area of water surface free from ripples. The still well, made of brass, stands on three levelling screws and has an opening in the base to equalise water levels inside and out. The hook gauge, also brass, rests on top of the well supported by three horizontal arms and has a micrometer head to permit very fine adjustment.

In some applications, the evaporation measurement is correlated with the surface temperature of the water and the wind-run past the tank. When this is required, the floating Maximum/Minimum Thermometer and Cup Counter Anemometer are also used.



PICHE EVAPORIMETER

This simple instrument measures evaporation by volume in a graduated glass tube. The volume of water in the tube reduces as evaporation takes place through a paper disc at the bottom.



Specification	HOOK GAUGE
Range of adjustment	100mm (micrometer moves 1mm per turn)
Resolution	0.2mm
Weight	340g
Still Well Specification	
Dimensions	215 x 254 x 254 mm
Weight	1.8kg
Class 'A' Pan Specification	
Dimensions	Typically 250 x 1200mm (dia)
Weight	16kg
Floating Maximum/Minimum Thermometer Specification	
Range	-30 to +50°C
Resolution	0.5°C
Accuracy	±1°C
Ordering information	
Class 'A' pan	103750C
Hook gauge	C6643/Z
Still well	B6643/1
Accessories and spares	
Floating Max/Min Thermometer with magnet	M115002
Cup Counter Anemometer	D7204/Z

Specification	PICHE EVAPORIMETER
Tube capacity	30ml
Tube scale division	0.1ml
Tube dimensions	320 x 14mm (dia)
Tube weight	50g
Disc diameter	30mm
Disc evaporation surface	10mm ²
Ordering Information	
M112067	Piche evaporimeter with disc retaining clip and 400 discs
Accessories and spares	
Stand	B7215/3
Disc retaining clip	A7215/1
Pack of 400 discs	M112069
Contact Details	

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