

PTL - Drip Box

for checking the protection against ingress of water to prove the degrees of protection **IPX1** "Protection against water drops" and **IPX2** "Protection of a specimen in a position of tilt against water drops"

according to **IEC 60529** :2001-02 § 14.1 Tab. VIII, Fig. 3.

Standard outfit:

- 1 water tank with drip nozzles in the bottom spaced 20 mm x 20 mm, provided with a hermetically tight cover, with overpressure / air drain valve, with 3 chains and holding devices each for suspending, precisely adjustable for levelling,
- 1 flow control valve with flow indication, with ball valve and rapid coupling to feed or to drain the water, on a separate plate for mounting on the wall,
- 1 set of hoses to feed and to drain the water and the overpressure, each 5 m long,
- 1 grate as carrier for the specimens, with 3 holding devices to suspend from the chains, precisely adjustable for levelling.



Design:

Water tank of anodized aluminium, without throttling means like the formerly usual cloth filters,

- A) for suspending from the ceiling with 3 eyebolts and metal dowels
 or B) for suspending from a frame for mounting on the wall, see Fig.,

from 200 mm to 2 000 mm infinitely adjustable with a maximum height of the specimen of 800 mm, designed for a height of the ceiling up to 4 m, for other ceiling heights on request, grate, chains, frame and drip nozzles of stainless steel.

Drip area [mm x mm]	Quantity of drip nozzles	Method of mounting	Space requirement w x d x h [mm]	Article No.
400 x 300	300	A) at the ceiling	450 x 450 x 3 100	P 01.12
800 x 400	800	A) at the ceiling	850 x 550 x 3 100	P 01.15
1 000 x 500	1 250	A) at the ceiling	1 050 x 650 x 3 100	P 01.18
400 x 300	300	B) on the wall	520 x 550 x 3 100	P 01.32
800 x 400	800	B) on the wall	920 x 650 x 3 100	P 01.35
1 000 x 500	1 250	B) on the wall	1 120 x 750 x 3 100	P 01.38

Other types, e. g. with other drip areas or on a stand with stable frame work:
on request