

# CLL

## Rain Test Chamber

- Different volumes
- Rotating plate with electrification outlet..
- Inner chamber made of stainless steel AISI 304
- Performing various tests (shower, rain, ..)
- Compliance with JIS 0230, UNE 20-324-93/ EN 60529



Chambers designed to make Rain Tightness Tests, according to multi-standard (Oscillating Arc, Fixed Arc, Sprays and Pipe) with the possibility of an incorporated heating system.

Tightness Simulations very suitable for electronic and lighting devices, according to DIN 40053 or IP protection.

**DYCOMETAL**, the Trademark that has given to their products the commitment that each one of them, depending on its own characteristics, can reproduce faithfully all the environmental conditions that Nature is able to offer to obtain a better Quality of the materials.

**DYCOMETAL EQUIPOS DE C.C., S.L.**

C/ De la Ciència, 35-37

08840 - Viladecans (Barcelona) - SPAIN

T: (34) 936 526 610 F: (34) 936 407 607

[www.dycometal.com](http://www.dycometal.com)

## FEATURES:

### Construction

- Indoor made of AISI 316 (18/8) Stainless Steel.
- Fix and oscillating Rain Arc, manufactured on AISI 316 (18/8) Stainless Steel, Ø15 mm. Variable position of the arc from 0° to 350° by means of cams, being its most frequent turn positions 60°, 90° and 180°, according to regulations. Pulverization nozzles manufactured on brass with a metric thread of 4 interchangeable, 50 mm equidistant between themselves.
- Gyrotory sample holder platform, manufactured on AISI 316 (18/8) Stainless Steel, and also adjustable in turn velocity and height.
- Outdoor manufactured on AISI 304 (18/8) Stainless Steel and painted with acrylic paint dried to the oven in light grey color, according to RAL-9010.
- Glass-door with doorcase. Junction made of flexible silicone in all the doorcase's tripping to ensure the hermetical closing of the door.
- Chamber supported by 4 antivibrational supports which are adjustable in height.
- Lateral wall ports of different diameters (according to the Machine's characteristics) with a tight plug.
- Closed circuit of water circulation made up of a tank with a capacity of 50 liters, in AISI 316 quality, free of ferric material.
- Precision spinner with a regulation valve for measuring the water volume.
- Manometer and pressure regulator.
- Control Board located on frontal panel, in ergonomic position and suitably labeled.



Depending on the application, our cameras can be in accordance with the 20-324-93 / EN 60529 Standard UNE.

## TEST CONDITIONS:

### DEGREE OF PROTECTION AGAINST WATER. DEGREES OF PROTECTION PROVIDED BY ENCLOSURES - IP CODE

Feature N°.	Protection Type	Equipment
IP-X1	Vertical fall of drops of water	Drip box, gyrotory platform
IP-X2	Waterfalls with a 15 degrees maximum tilt	Drip box, static platform
IP-X3	Water falls as rain	Oscillatory pipe or sprinkler head
IP-X4	Water projections	Spray with fix/swivel, gyrotory platform.
IP-X5	Water jets	Spray with nozzle Ø 6.3 mm
IP-X6	Strong jets of water	Spray with nozzle 12.5 mm Ø
IP-X7	Temporary immersion in water	Bath immersion

### DYCOMETAL EQUIPOS DE C.C., S.L.

C/ De la Ciència, 35-37

08840 - Viladecans (Barcelona) - SPAIN

T: (34) 936 526 610 F: (34) 936 407 607

[www.dycometal.com](http://www.dycometal.com)