

**CP**

## Dust Test Chamber

- Different volumes
- Construction of the inner chamber of stainless steel AISI-304
- Air flow circulation through controlled centrifugal impeller
- Observation window, toughened Securit glass



CP series are chambers designed to make aspiration, suspension or dust circulation tests, by exposing the sample to the study of the resistance of dust penetration on its moreless tight structure.

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

The samples that are susceptible to this kind of test use to be: systems of street lighting, traffic lights, lighting and signal elements in automotive, electric and electronic elements of acoustic or lighting safety, electric panels, tight electric boxes, catadioptrics, etc.

- Indoor Tank made of AISI 304(18/8) Stainless Steel.
- Glass-door with doorcase and windscreen wiper.
- Lateral wall port of different diameters (according to the Machine's characteristics) with a tight plug.
- Possibility to subject the samples to test by a sample holder, adjustable to different heights, or by means of a hook on the ceiling.
- Tight indoor light. ON/OFF switch by means of the Control Panel.
- Manometer.
- Cycle-Counter.



### Standards

Depending on the Legal Regulation, the dust suspension can be:

- Aspiration and suspension of the dust by means of compressed air or blowing fan. The air passes through a burner holder ring that allows the dust to be propelled and spread all over the indoor chamber. The dust granulometry uses to be made of cement (ASTM C 150-84).
- Dust suspension by an enveloping by means of a circulation pump. The dust granulometry uses to be made of properly sieved talc (UNE 20-324-89; EN 60529).

Other standards are:

- ASTM C 150-56 type I
- ASTM C 150-84
- UNE 20-324-93/EN 60529:1993
- SAE J575 june 92
- BLS 30 EE-101
- EN-60598-1:1997
- DIN 40046 (pages 46, 47 y 48)
- MIL-STD 202 (method 110A)
- MIL-STD 810C (method 510.1)
- BS 2011 (part 2.1 test L)
- RENAULT 36-05-010

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