| Product name: | Product code: |
| --- | --- |
| IP Ingress Protection Dust Chamber for Enclosures | CMI-IND-0435 |

## Description

Closed chamber that keeps talcum powder suspended around electrical enclosures under slight vacuum to verify IP5X and IP6X dust protection. Used by switchgear, luminaire and motor manufacturers and approval laboratories.

## Technical specification

- Talc powder 5 kg
- Vacuum pump
- Sieve

Fine talcum is kept suspended by a blower while the enclosure is held under slight vacuum. After the cycle, the enclosure is opened to check for dust ingress into live parts.

**Features**

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- Fully automatic evacuation and circulation system
- Vacuum pump with 2 kPa suction
- Vibration free chamber with window
- Timed test from 2 to 8 hours
- Easy access door with seal

**Technical Specifications**

| | |
|---|---|
| Chamber size | 1000 x 1000 x 1000 mm |
| Talc quantity | 2 kg per m3 |
| Sieve mesh | 50 um wire, 75 um aperture |
| Vacuum | Below 2 kPa |
| Test time | Up to 99 hours |
| Controller | PID with timer |
| Standards | IEC 60529 IP5X IP6X, IS/IEC 60529 |
| Power | 230 V AC, 50 Hz |

**Standard Accessories**