



Splash Water Test Unit

Service description

- Splash water tests to verify the resistance to thermal shocks of components and systems that are located in the splash water zone of a vehicle (hot test item – cold water)

Areas of application

- Thermal shock test (air/water)
- Test standards: ISO 16750-4, LV124
- Other tightness tests: IP protection class tests (e.g. immersion tests, water jet tests, steam jet tests)

Added value for our customers

- Large splash zone due to the use of two nozzles

Technical Data

- **Temperature range (air):**
room temperature up to +120 °C
- **Temperature range (water):** 0 to +4 °C
- **Number of nozzles:** 2
- **Splash zone:** approx. 700 mm
- **Distilled water and Arizona road Dust**
- **Splash duration:** 3 sec every 30 min or 60 min
- **Cabinet dimensions (LxWxH):**
800 mm x 1,200 mm x 800 mm



Dust Test Cabinets

Service description

- Effect of dust on objects
- Tests for dustproofness, contamination, surface resistance and function
- Dust types: Arizona Dust, talcum powder

Areas of application

- Proof of protection against the penetration of foreign substances and solid bodies
- Test standards: IEC EN 60529, ISO 20653, LV124, IP protection class test

Added value for our customers

- Fast and cost-effective proof of tightness and function
- Further leak tests possible, e.g. under water influence
- Tests on heavy, large test specimens, e.g. on charged high-voltage storage systems and battery dummies

Technical Data

Dust test cabinet 1

- Cabinet dimensions (LxWxH): 2.90 m x 1.90 m x 1.90 m
- Temperature range: room temperature
- Floor loading: max. 2,000 kg
- Cable feedthrough (Ø): 100 mm
- Power supply: 230V, 16A / 32A (test supply)

Dust test cabinet 2

- Cabinet dimensions:
 - Height 0.80 m || Ø 0.80 m
- Access door (WxH): 0.40 m x 0.40 m

Dust test cabinet 3

- Test Cabinet dimensions:
 - Height 0.45 m || Ø 0.50 m
- Access door (W x H): 0.30 m x 0.30 m