



Ensure Real Life Performance with Environmental Conditions Testing

SGS FIMKO OY TESTING EQUIPMENT

Trusted means *Tested.*





TEMPERATURE AND HUMIDITY TESTING

Climatic chambers:

CTS 70/1500

- -70°C - 180 °C, 10 %Rh – 98 %Rh
- 1500 litres
- measurements (h x w x d) 900mm x 1000 mm x 1600mm
- temperature change speed 3,5 K/min
- max. weight in the chamber 200 kg

CTS 70/1000

- -70°C - 180°C, 10 %Rh – 98 %Rh
- 1000 litres
- measurements (h x w x d) 900mm x 1000 mm x 1100mm
- temperature change speed 2,5 K/min
- max. weight in the chamber 100 kg

CTS 40/600

- -40°C - 180°C, 10 %Rh - 98 %Rh
- 600 litres
- measurements (h x w x d) 850mm x 850 mm x 830mm
- temperature change speed 3,5 K/min
- max. weight in the chamber 100 kg

Weiss WK-480/40/10

- -40°C - 180 °C, 10 %Rh - 98 %Rh
- 480 litres
- measurements (h x w x d) 950mm x 800 mm x 650mm
- temperature change speed 10 K/min
- max. weight in the chamber 160 kg

Thermal chambers:

We have several thermal chambers with volume varying from 40 litres (max. 600 °C) to general ovens between 150 - 500 litres (in general up to 120 °C, circulating air and non-circulating air).

Explosion and fire resistant climate chamber

(also suitable for battery operated devices)

Weiss ClimeEvent C/1500/0

- 0 °C – 90 °C, 10 %Rh – 98 %Rh
- 1500 litres, measurements (h x w x d) 950mm x 1100 mm x 1475mm
- max. weight in the chamber 250 kg
- EUCAR 5 classified security system

Temperature room

Arctest

- 20 °C – 75 °C
- 2,4 m x 1,9 m x 3,4 m (h x w x d), door 900 mm x 2100 mm (w x h)
- maximum heat load in the room during testing 1,5 kW

Freezer room

Arctest

- -55 °C - -0 °C (standard temperature)
- 2,8 m x 2,0m x 3,0m (h x w x d), door 900 mm x 2200mm (w x h)

Humidity rooms

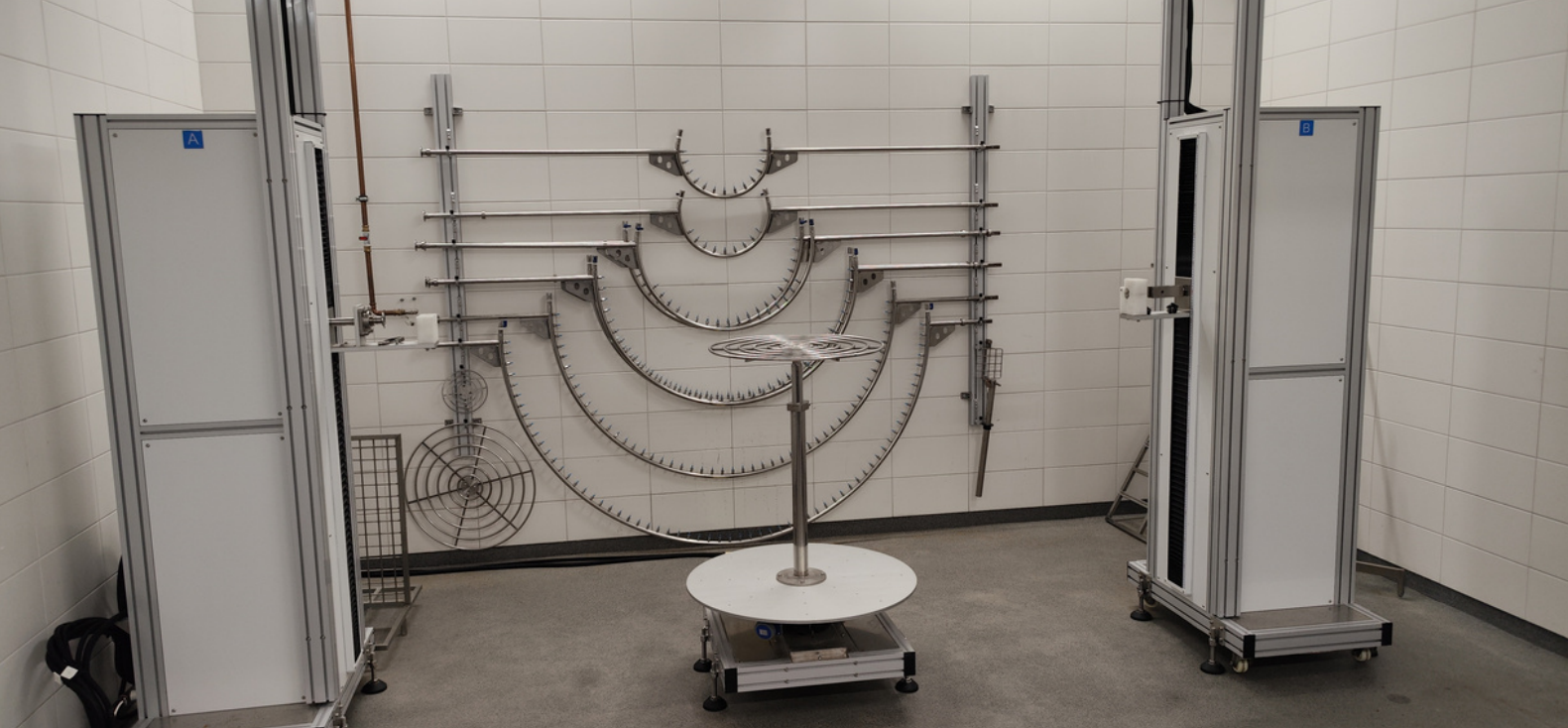
Arctest

- 20°C - 60°C, humidity 40 %Rh - 75 %Rh (20 °C – 40 °C)
- 3,0 m x 3,0m x 4,5 m (h x w x d), door 1,6m x 2,6m (w x h)
- maximum heat load in the room during testing 15 kW

Arctest

- 20 °C – 30 °C, max. humidity 93 %Rh (short time 40 °C, max. 1 week)
- 2,5 m x 2,5 m x 3,0 m (h x w x d)
- maximum heat load in the room during testing 2 kW





IP (INGRESS PROTECTION) TESTING

Our testing capabilities:

We can test all IP ratings up to IP69.

Restrictions related to certain IP classes:

- IPX1: Nominal 1 m x 1 m x 2,5 m (w x d x h), max. 150 kg (larger enclosures non-rotating)
- IPX2: Nominal 1 m x 1 m x 2,5 m (w x d x h), max. 150 kg (larger enclosures possible with several tests)
- IPX3/X4/X5/X6: 1 m x 2 m x 2,5 m (w x d x h)
- IP5X/6X: Nominal 1 m x 2 m x 2,5 m (w x d x h), max. 500 kg
- IPX7: 1 m x 2 m x 1 m (w x d x h), max. 50 kg
- IPX8: pressure vessel test chamber diameter 50 cm, height 80 cm, max. pressure 15 bar (150m)
- IPX9: 1 m x 2 m x 2,5 mm (w x d x h)

IK (IMPACT RESISTANCE) TESTING

Our testing capabilities:

- Impact testing according to IEC 62262 ratings IK01-IK10
- Impact energy up to 20 J.

Ask also other impact tests.

CORROSION TESTING

Ascott CC1000ip

- Test chamber volume 1000 litres
- Cycle tests according to several standards



VIBRATION AND SHOCK TESTING

Our testing equipment:

Our vibration testing equipment is suitable for sinusoidal, random and shock vibration testing

- Max. 30 g, max. 2 kg
- Max. 15 g, max. 10 kg

CONTACT US TODAY

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When you need to be sure