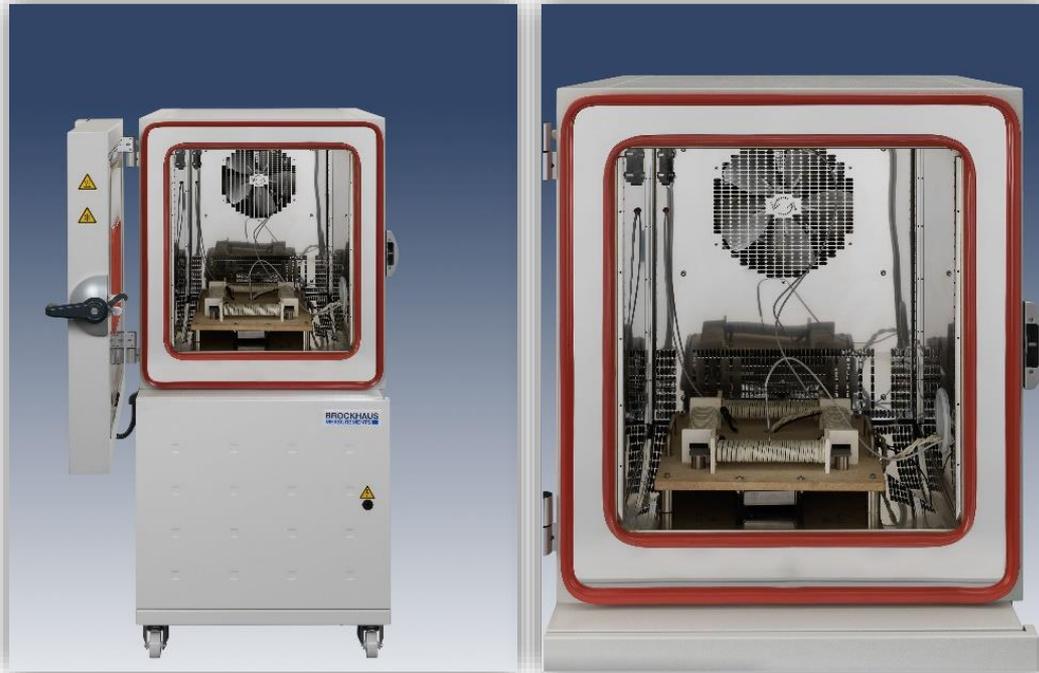


Epstein Frame under Temperature



- **System Description:**

The heat resistant ceramic Epstein 100 frame with programmable temperature range consists a high temperature resistive windings and it is build according to the IEC 60 404-2 Epstein Frame standard.

- **Magnetization Conditions**

- Sinusoidal flux density
Frequency range: 10 Hz - 1 kHz
Peak of flux density up to 2.3 T
Maximum magnetising field $H = 6000\text{A/m}$
- PWM
Switching frequency of 100 kHz
- High Harmonics and Free Curves

- **Measurement Environment**

- Programmable temperature range from -40°C to $+180^{\circ}\text{C}$

- **Sample Type:**

- Silicon Iron Electrical Steel with thickness of 0.2 - 0.5mm
- Sample size 305mm x 30mm

- **Additional Sensors**

- Thermocouple