

**Optical Fiber Cable Temperature Cycling Chamber**

### Overview

The Optical Fiber Cable Temperature Cycling Chamber is designed to apply temperature cycling on optical fiber cables in order to determine the stability behavior of the attenuation of cables submitted to temperature changes. It features large test chamber, precise temperature control as well as low temperature fluctuations.

This test chamber is suitable for high temperature, low temperature, high and low temperature cycle and temperature screening (ESS) tests on products (complete machine), parts and materials.

### Test standard

1. GB/T 2423.1 Test A: Low temperature test method
2. GB/T 2423.2 Test B: High temperature test method
3. GB/T 2423.3 test Ca: constant damp heat test
4. GB/T 2423.4 Test Db: Alternating damp heat test
5. GJB 150.3 high temperature test
6. GJB 150.4 low temperature test
7. GJB 150.9 damp heat test (Figure 1, Figure 2)

### Parameter

Model	KASON-GTC-40150
Internal volume	8M3
Studio size	2000×2000×2000mm(width×depth×height W*D*H)
Dimensions	Approx. 2210 ×3675 ×2400mm (width×depth× height W*D*H, height excluding motor cover, height 280)
Power supply	380V± 10%, 50Hz±1three-phase four-wire +grounding wire, protective grounding resistance less than 4Ω
Temperature range	-40℃ ~ + 150℃
Temperature fluctuation	≤0.5℃
Temperature uniformity	≤2℃
Temperature deviation	±2℃
Heating rate	≥2℃/min average (no load)
Cooling rate	≥1℃/min average (no load)
Noise	≤75dB

# FOCUS IN MATERIAL TEST

**KASONTTEST**®

JINAN KASON TESTING  
EQUIPMENT Co, LTD.

DuandianIndustrial Park , Jingshi Road, Jinan City,China.

**P:** +86 159 1008 1986

**E:** admin@jnkason.com | **W:** www.syjlab.com

