

BLOWER DOOR SYSTEM for LARGE BUILDING MODEL GTI 658



MODEL GTI658 is mainly used to test the airtightness of the whole building and its interior spaces. In the house closed state, adopting the Fan Pressurization Method, it uses the fan to establish a pressure difference in the house indoor and outdoor. It adjusts the speed of the fan so that the indoor pressure should be achieved the desired differential pressure (10-100 Pa). The volume flow rate of the air transported by the fan should be equal to the flow rate infiltrating through the house. It is used to assess the airtightness level of a building and to locate leaks. This instrument conforms to various current test standards in Europe, America and the domestic construction industry, the test method can be selected according to different needs, the operation is easy and the results are accurate.

- ◆ One-click testing to save time
- ◆ 8 flow control methods for fine-grained control
- ◆ Upgrade to dual-fan or triple-fan systems
- ◆ On-site reporting from software



Host Test Interface.

PC Software Screen.



Spare nozzles: Various Nozzle Combinations.

FEATURES

- 3.2inch LCD Display with English Interface, Clear Display, User-friendly;
- Two Pressurization Methods: Pressurization and Depressurization;
- Quick Leak Detection for Easy On-Site Pinpointing of Leak Points;
- Leakage Volume, Test Pressure, Temperature and Atmospheric Pressure;
- Interchangeable Nozzles for A Wider Flow Range;
- RS485/Wifi Communications;
- Standards: T/CECS 704-2020, ASTM E779-03, ATTMA, GB/T34010-2017/ISO 9972:2006, CGSB149.10-2019;
- Adjustable Metal Frame Structure for Various Door Frame Sizes;
- Light Weight and Easier to Transport and Carry.

APPLICATIONS

- Building envelopes such as passive houses, low energy and large commercial buildings;
- Industrial plants, grain silos, fire protection systems, and other large public building sites;
- Search for leaks in the building envelope;
- Equipped with dual-fan and triple-fan combinations for a wider range of tests.

Specifications

BLOWER DOOR SYSTEM for LARGE BUILDING GTI658			
Items			Parameters
Fan	Flow	Flow Ranges	4000 ~ 11000m³/h (Free Air)
			1200 ~ 4000m³/h (Yellow Nozzle)
			350 ~ 1200m³/h (Red Nozzle)
			160 ~ 350m³/h (8 pcs. Large Hole Nozzles)
			80 ~ 160m³/h (4 pcs. Large Hole Nozzles)
			40 ~ 80m³/h (2 pcs. Large Hole Nozzles)
			15 ~ 40m³/h (One Large Hole Nozzle)
			6 ~ 15m³/h (One Small Hole Nozzle)
	Pressure	Flow Accuracy	± 3% of Readings ± 5m³/h
		Range	0 ~ 100Pa
		Accuracy	± 0.5% of Readings ± 1Pa
		Resolution	0.1Pa
	Atmospheric Pressure	Test Range	70 ~ 130KPa
		Accuracy	± 2% of Readings
		Resolution	0.1KPa
	Power Supply		AC220V
	Overall Dimensions (mm)		400 × 460 × 250 (L × D × H)
	Weight		Roughly 18kgs
Body	Screen		3.2inch LCD Screen
	Communications		RS485 / Wifi Communications
	Power Supply		4 AA Batteries (Roughly 30Hours) or DC5V Adapter
Adjustable Door Frame	Standard	Width Range (mm)	Roughly 795 ~ 1320
		Height Range (mm)	Roughly 1380 ~ 2460
	Options	Door Frame & Cloth Cover	Custom Size
	Door Frame Material		Lightweight Aluminum Alloy
	Sealing Material		EPDM Rubber
	Cover Material		Nylon Canvas (with Polyethylene Film Window)

NOTE: IN THE EVENT OF PRODUCT DESIGN, SPECIFICATIONS, AND PARAMETER CHANGES, THE LATEST DATA PROVIDED BY OUR COMPANY SHALL PREVAIL WITHOUT PRIOR NOTICE.

GTI PRECISION INSTRUMENT (SHENYANG) CO., LTD.

www.gti-test.com www.gti-instruments.com

Office: No. 56-39 (1316), North Huanghe Avenue, Huanggu District, Shenyang, Liaoning Province,
P.R. China 110034.

Factory: 58# Zhengliang 4 Rd., the New District of North Shenyang, Liaoning Province,
P.R. China 110136 (Delivery Location)

Tel.: +86-24-81231386 E-mail: sales@gti-test.com

