

Duct Tester

Retrotec Model 340[®]



Both Retrotec's Model 340x DuTester and The Energy Conservatory's Duct Blaster[®] are built to measure the airtightness of forced air heating, ventilating and air conditioning ductwork.

However, there are key differences in performance, functionality & versatility. The chart below is used to compare options between both systems.

Gauge Included	DM32 WiFi
Flow Rates	3 Standard Flow Rings ranging from 10 CFM to 771 CFM* *Flow rates limited to 771 CFM due to resistance of flex, register & blower. Centrifugal blower not affected by backpressure.
Optional Ranges	Flow ranges are included for flows from 10 to 771 CFM. Optional ranges go down to 0.02 CFM.
Depressurization	Depressurization requires no tubing changes. Quick Connect Collar makes this connection fast.
Flow Sensor	Flow Sensor is a venturi nozzle with two annular pressure damping chambers for flow and reference pressure. It is built into the fan housing.
Test Equipment and Calibration complies with	<ul style="list-style-type: none"> • Internationally recognized ILAC ISO-17025* accredited calibration lab. • ASTM E 1554 – 03 • ASHRAE 152 • RESNET • All State Codes
Fan Specs	<ul style="list-style-type: none"> • Dimensions and weight: 13" x 11" x 13.25", 9 lbs with 2 flow rings. System 26 lbs. • Motor Continuous duty impeller designed for over 100,000 hours of operation. • Test direction: Works in both directions without changes to set up. • Maximum pressure in flex: 500 Pa • Accuracy claimed: ± 3% • ISO 17025 Accredited • Warranty: 2 years, 5 years on shell.

Duct Tester

Fan Speed Controller	Built in Fan Speed Controller
Connections	Color coded tubing with matching color connections
Flex Duct	Twelve feet of 10" diameter flex duct
Online Training	Included
Case	<p>Custom Carrying Case with metal clasps & stiff lid for use as a stand.</p> <p>Case fits gauge & accessories, and can be customized to fit other tool such as a smoke emitter, thermal camera, & additional tools.</p>
Grill Mask	Roll of 12" Grill Mask™
Instructions	QuickGuides with manual available for download
Pros	<ul style="list-style-type: none"> • Calibrated in an ISO 17025 Accredited Lab. • Optional flow ranges go down to 0.02 CFM allowing it to be used for a variety of new applications, such as testing windows. • Universal gauge will operate all systems from Retrotec and TEC • DM32 gauge turns on instantly • Stable base built into fan shell • Flow straightener not required when depressurizing • Gauge can stick to fan shell with magnetic backing • Quick Connect Collar makes changing directions easy • Clear Flange superior with hooks to connect to grill • Gauge Calibration only every 5 years thanks to drift resistant digital sensors
Cons	<ul style="list-style-type: none"> • Slightly larger and heavier

Introducing Retrotec's

DM32X™

Building Diagnostics Reinvented

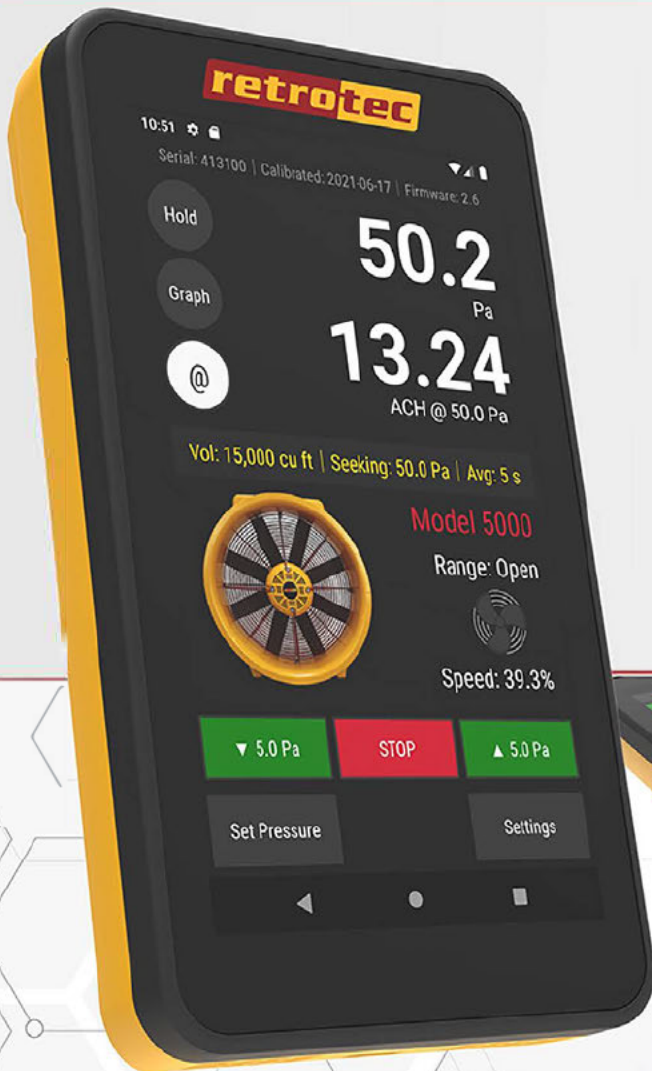


The Next Generation

Nearly a decade ago, our beloved DM32 became the industry's first manometer with smart capabilities, wireless connectivity, and a touch screen interface.

Its accuracy, durability, and ease-of-use made it the industry's favorite gauge. While still keeping your favorite DM32 features such as an ergonomic design and color-coded ports, we have now re-engineered it with all new technology, features, and abilities.

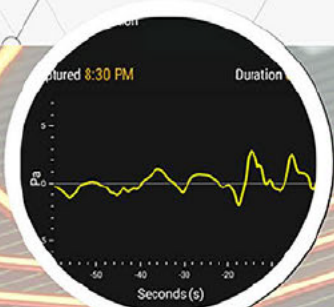
Meet the DM32X: air tightness testing and building diagnostics will never be the same again. This refreshing new testing experience will open new doors and extend your diagnostic abilities.



color coded pressure ports, cross compatible fan speed control, & magnetized belt clip



ultra fast charging over multi function USB C & stereo speakers for high quality audio



Real-Time Graphing & Data Logging



1080p OLED Capacitive MultiTouch



Long Range BlueTooth® & WiFi



Embedded & Online Resources



Find Quality Products Online at:

www.GlobalTestSupply.com

sales@GlobalTestSupply.com

DM32X™

One Gauge, One World.



New Features



- Beautiful 5.5" 1080P HD OLED display with Gorilla Glass capacitive multi-touch.
- A thinner, more ergonomic shell design.
- Real-time graphic display of pressure readings over time. Taking pressure points is one thing, being able to see what's happening tells you a more accurate story.
- Multiple datalogging options.
- Digital Signal Processing (DSP) improves pressure reading stability.
- Fast 3A charging & data transfer on USB-C
- Long range (10m) Bluetooth® connectivity.
- Built-in testing and training apps. Run rCloud auto testing software natively.
- Embedded & online manuals, videos, & resources.
- Operate and read competing fans.
- Photorealistic images of all devices and ranges.

Tech Features

Display

- 1080p60
- Capacitive touch screen

Weight

- 0.88 lb / 0.39 kg

Battery Life

- 8.5 hours runtime
- Full charge 1.8 hrs @ 3A

OS Support

- Android 11

Networking

- Bluetooth®/BLE 4.2
- 1x10/100/1000Mbps Ethernet
- Certified Wi-Fi 802.11 ac/a/g/n

High Speed Interfaces

- 1 x USB 3.0 OTG

Audio

- Digital audio

NXP i.MX 8M Plus

- 1.8GHz Quad-core ARM Cortex-A53
- Real-time 800 MHz Cortex-M7 co-processor

