

Retrotec's Model 350x

Residential DucTester System

The
GOLD STANDARD
of Duct Testers.



Easy to Learn
& Use



Fast Setup
& Teardown



Online Training
Included



Major Upsell
Opportunity



magnetically secure
gauge onto shell



sturdier foot design
for tipping prevention

What Separates Us Apart?

Top 10 Reasons to Choose Retrotec:

1. Ease of Use

"Ease of use" is the #1 reason why customers choose Retrotec. Learning & Training is simple when all the connections are together & color coded. With QuickGuides (step-by-step instructions with pictures), you'll complete your first test in minutes.

2. Smart Gauge

Retrotec's DM32X Smart Gauge is in a class of it's own. WiFi, Long Range Bluetooth,™ Embedded Guides, Videos, Testing Calculators, Real-Time Graphing...the list goes on!

3. Online Training

Manufacturer Certification Courses train you to setup, run, and troubleshoot for Code and Building Performance applications.

4. Extreme Power & Versatility

Our line of Blower Doors and DuctTesters encompass an extensive testing range. Retrotec manufactures fans to test any sized building, from super leaky to super tight.

5. rCloud Testing Platform

Retrotec's rCloud app has revolutionized blower door and duct testing. Geolocate, time/date stamp, automatically perform tests to common standards, & create secure compliance reports. Share immediately, view anywhere.

6. Durability

Retrotec's fan shells can withstand a lot of abuse including drops. The shell halves are secured with more fasteners than other manufacturers and hold up for years of constant use.

7. Better Cases for Equipment

DuctTesters come in a rigid case with metal clasps that last longer than alternatives. Gauges come in a lunchbox style case that can fit much more than a gauge and it's components.

8. Compatibility

Retrotec's DM32X gauge can operate both Retrotec and TEC fans. You can upgrade from TEC to Retrotec without having to buy a whole set of equipment.

9. Faster Set-up and Tear-down

Thanks to details such as magnetic range configurations, one-motion frame tear-down, quick connect collars, flanges and color coding, you can set up your equipment and pack it away faster. After all, time is money.

10. Experience

Retrotec has been in the building performance business for decades. We were the first to bring touchscreen gauges, WiFi connectivity, and automated testing to the industry and always strive incorporate new technology to make you work faster and smarter.

Retrotec's Model 350x

The Gold Standard of DucTesters



Maneuver this incredibly light DucTester for numerous testing applications. Test the leakiest to the tightest duct system.

The complete package to start residential duct testing. Includes multiple flow ranges for high to low flow testing.

Package also includes the newly released DM32X gauge plus a roll of Grill Masks to seal registers.

The 350x includes even more improvements from the former Model 350. Mount your DM32X Gauge directly onto the shell for easy accessibility. A new foot design allows for a secure, sturdy base.

Fan Model #	350x			
	Flow Into:	CFM	liters/sec	m3/h
Maximum Flow, CFM	Free Air	798	376.6	1355.8
	25 Pa	719.8	339.7	1222.9
Minimum Flow	Range 102 - Standard	164.3	77.5	279.1
	Range 74 - Standard	28.1	13.3	47.7
	Range 47 - Standard	12.5	5.9	21.2
	Range 29 - Optional	5.2	2.5	8.8
	Range 18 - Optional	2.2	1.0	3.7
	Range 11 - Optional	0.9	0.4	1.5
	Range 07 - Optional	0.3	0.14	0.51
	Range 03 - Optional	0.1	0.04	0.17
Dimensions	14" x 12.5" x 14.5" (35.5 x 32 x 37 cm)			
Weight	14 lb (6.3 kg)			
Flow Accuracy	+/- 3% ISO 17025 accredited certificate available			
Power Supply	Input: 120V/60Hz, 240V/50Hz, or 110V/50Hz Output: 48V DC/ 3.31A			
Power Output	0.213 hp, 159 Watts			
Maximum Fan Calibration Interval	Every 5 years or sooner depending on standard			
Digital Gauge Model	DM32X			

The max flow of the fan will vary depending on the following factors; barometric pressure, back pressure, blade pitch, air temperature, bearing tightness, inlet air turbulence, length of flex duct.

Product Versatility

Alternative Testing Functionality



Passive House Blower Door

The same 350x DucTester can be used for Passive House blower door testing. Test tight or small houses with the addition of a blower door frame and cloth.

Engineered Square corners reduce leakage by 75%.
Connect and disconnect in seconds.



Optional Blower Door Frame, Cloth, & Roll Up Case



Window Frame & Cloth

The optional Window Frame & Cloth allows you to install the DucTester into a window where it is impractical to use a doorway.

The durable cloth panel fits across an easy-to-assemble and highly adjustable window frame, allowing for maximum air tightness in your window setup.

Optional Window Frame, Cloth, & Roll Up Case

DM32X™

One Gauge, One World.

Included In Every
New System!

New Features



Beautiful large 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.



Display can be viewed horizontally or vertically.



Operate and read competing fans.



Photorealistic images of all devices and ranges.



Real-Time Graphing
& Data Logging



Portrait & Landscape
Viewing Capability



YouTube

Embedded & Online
Resources



Long Range
Bluetooth®



WiFi



Accessories

Tiny S

Outstanding performance in a small package. 1 second warmup time, dense fog with minimal fluid consumption.



Extra Grill Mask

An invaluable tool for any air leakage tester to seal ducts and holes.

Available in three sizes.



Hard Sided Cases

These hard sided cases protect your equipment and double as a table. Fan Case & Accessory Cases available.



Low Flow Plugs

Pick the CFM flow range you'd like test down to.

Range	Model	5000	6000	300
874		36-135	36-161	
847		21-61	21-72	
829		9-23	9-26	
18				2-11
11				1-5
07				0.4-2



FlowFinder MK2

Powered Flow Hood. The FlowFinder is exceptional where pressures are low or where there is an alternative route for the air to flow.



FlowBox

A passive exhaust fan flow meter that utilizes the DM32 manometer to measure exhaust only flows.

Perfect for measuring flow for bath fans, kitchen exhaust, room returns and whole-house ventilation.



Talk to rCloud

Online Testing Platform



Geolocate • Auto Test • Store • Share



Download at your App Store



Test Location is confirmed and included in the compliance report. rCloud geolocates the tester and validates the address.



Automated blower door and duct tests. Connect the gauge to the phone or tablet and rCloud does the rest. Stop questioning if the test was performed correctly and eliminate hand written results.



Test Data is securely collected from the gauge to the phone or tablet. Test Data is uploaded to cloud storage or encrypted and stored in the device. The report is uploaded when an Internet connection is available.



Compliance reports provide easy to read test results. Feel confident the data is accurate and thorough.

Ease of Use & Available Resources

Retrotec's library of free manuals, online training, webinars, & videos are only a click away at retrotec.com.

Retrotec's dedicated YouTube Channel serves as additional support for more advanced testing techniques.



Contact



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