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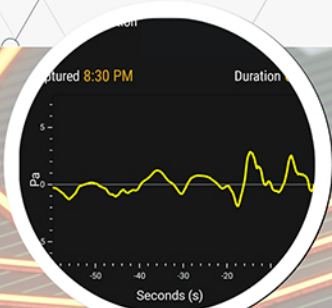
Meet the DM32X: air tightness testing and building diagnostics will never be the same again. This refreshing new testing experience will open new doors and extend your diagnostic abilities.

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 MulltiTouch

Long Range BlueTooth® & WiFi

Embedded & Online Resources

DM32X™
One Gauge, One World.

New Features

Display showing:
- retrotec
- 10:51
- Serial: 413100 | Calibrated: 2021-06-17 | Firmware: 2.6
- Hold
- Graph
- @
- 50.2 Pa
- 13.24 ACH @ 50.0 Pa
- Vol: 15,000 cu ft | Seeking: 50.0 Pa | Avg: 5 s
- Model 5000
- Range: Open
- Speed: 39.3%
- ▼ 5.0 Pa
- STOP
- ▲ 5.0 Pa
- Set Pressure
- Settings

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

NXP i.MX 8M Plus
- 1.8GHz Quad-core ARM Cortex-A53
- Real-time 800 MHz Cortex-M7 co-processor

OS Support
- Android 11

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

High Speed Interfaces
- 1 x USB 3.0 OTG

Audio
- Digital audio

Humidity Limits (non condensing)
- 0 to 95% RH

Accuracy
- +/- 0.4% of pressure reading or +/- .07 Pa @ 22 degree (C)
- +/- 0.6% of pressure reading or +/- .15 Pa @ 0 – 44 degree (C)
- +/- 0.9% of pressure reading or +/- 1 Pa @ 70 degree (C)

Pressure Resolution
- 0.1 Pa (0.004 in WC, 0.002 psf)

Pressure Range
- -2,492 Pa to +2,492 Pa (-10 to +10 in W.C.)

Compensated
- 32°F to 158°F (0°C to 70°C)

Operating Storage
- -13°F to 185°F (-25°C to 85°C)
- -40°F to 257°F (-40°C to 125°C)