

Model 200

DucTester



retrotec

Digital Gauge

The Retrotec DM-2 displays every possible result with manual and fully automatic (or computerized) fan speed control, yet can be simplified to show only what you need. Many features are ***exclusive** to Retrotec.



Details Screen

PrA	25 Pa
Flow	80 CFM @25 Pa
B	DU200

CFM at 25 Pascal test pressure used for most standards.*

PrA	25 Pa
Flow	0.04 CFM/ft ² @25 Pa
area:	2000 ft ²
B	DU200

CFM at 25 Pascal per square foot.*

PrA	25 Pa
Flow	4.0 CFM/100FT ² @25 Pa
area:	2000 ft ²
B	DU200

CFM at 25 Pascal per 100 square feet.*

PrA	25 Pa
Flow	40 CFM/1000FT ² @25 Pa
area:	2000 ft ²
B	DU200

CFM at 25 Pascal per 1000 square feet.*

***exclusive**

DM-2 Digital Gauge

Weight	14oz/397g
Size	8.75 x 4.25 x 3 in 22.2 x 10.8 x 7.6 cm
Power	AC adapter 4 NiMH AA rechargeable batteries

Mode:

Pressure:	Pascals, in WC, PSF (lb/ft ²)	53.5 Pa
Flow:	cfm, l/s, m ³ /s, m ³ /h	253.5 cfm
Flow per area:	cfm/ft ² , l/s/m ² , cfm/100ft ² , m ³ /h/m ² , cfm/1000ft ²	0.25 cfm/100ft ² @75.0Pa
Leakage Area:	EqLA (Canadian) and/or EFLA (US): cm ² , in ² , ft ²	12.8 ft ² @10.0Pa
Leakage per area:	in ² /100ft ² , cm ² /m ² , in ² /in ²	1.15 in ² /100ft ² @10.0Pa
Air changes per hour:	According to volume entered: /hr	2.7 /h
Hole Flow:	cfm, l/s, m ³ /s, m ³ /h according to area entered	103.7 cfm

Units Available:

Examples:



High contrast **backlight**, visible in the dark.



Tapered connectors best seal & easy disconnect. Will not tear tubing.*



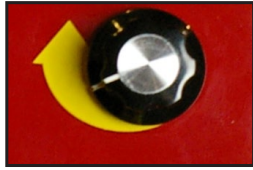
Rechargeable NiMH batteries save \$200/year.*



Umbilical helps with tubing organization.*

Model 200 Fan

Control knob



Power light indicates power to fan.*

On/Off switch restores speed to previous setting.*

*exclusive



Control Speed at the fan.*

Status light indicates good gauge connection.*



Control choices:



from the gauge.



from up to 100 feet away.* (extra cost)



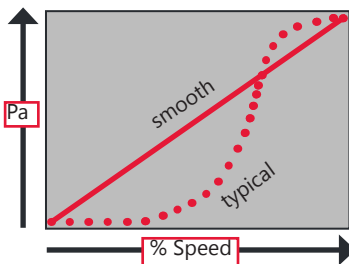
Fully automatic FanTestic software.

Tough ergonomic shell

Clear shells may be available for training purposes.

100,000 hour impeller

Smooth Control



Pressure and speed increase smoothly. Typically, controls accelerate in an uneven fashion creating surges and gaps.*

	Flow into:	CFM	liters/s	m ³ /h
Maximum Flow, 120V 60 Hz Open Range	in free air at 50 Pa **	690 600	326 283	1172 1020
Maximum Flow, 120V 60 Hz Mid Range	at 50 Pa **	200	94	340
Maximum Flow, 120V 60 Hz Low Range	at 50 Pa **	50	24	85
Minimum Flow	at 25 Pa	7	3.3	12

Maximum Flow is reduced by 7% for 240V 50 Hz and 15% for 110V 50 Hz

** (with Flex attached)

Dimensions	13 in. length, 11 in. width, 13.25 in. height
Weight	11.75 lbs (5.3 kg)
Flow Accuracy	+/- 3%
Power	120V AC or 240V AC, 185 watts 50 or 60 Hz

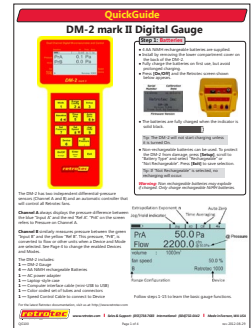
System Components



Every system comes with detailed QuickGuides with links to step-by-step videos.



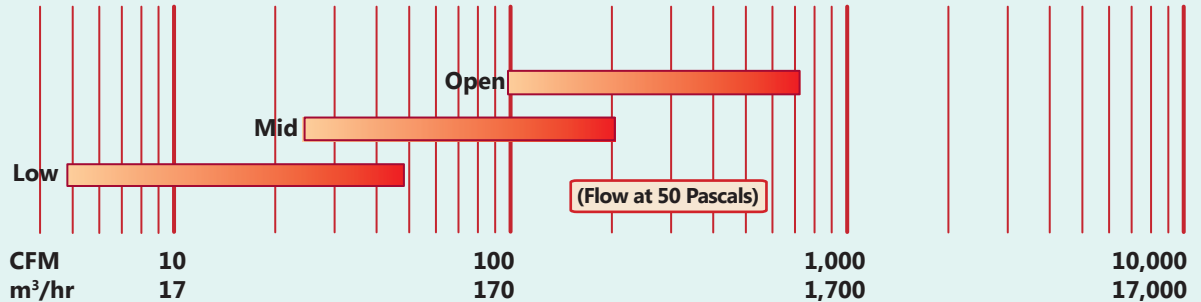
14. QG130



15. QG100

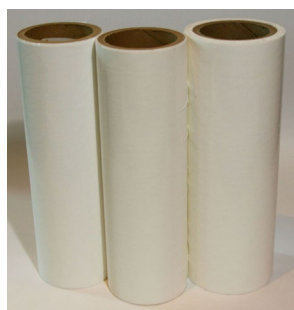
Includes

1. Model 200 calibrated fan, 2. Mid-Range Ring, 3. Low-Range Ring, 4. 25 ft power cord, 5. Color coded tubing kit with Static Pressure Probe, 6. Custom case, 7. Grill Mask (also comes in case of 3), 8. Laptop-style gauge case, 9. DM-2 digital gauge with NiMH rechargeable batteries, 10. 20 ft (7 m) umbilical, 11. 12.5 ft Flex Duct, 12. Register Flange, 13. Fan-Top (120v/60Hz), 14. DucTester QuickGuide, 15. DM-2 QuickGuide.



Three included ranges, allow the leakiest and tightest ducts to be tested. Calibration meets RESNET, ASTM E779-10, EN 13829, CGSB 149.10, ATTMA TS-1.

Options for Model 200



Grill Mask to seal registers.
#GR109 for case of 3.



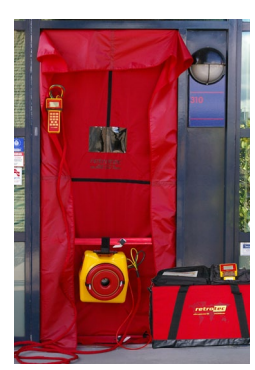
Pressure Pan Hood connects to ducts for leakage and flow measurement. #PP105



Air Current Tester.
#AC107



Field Calibration Plate verifies system in working condition.
#DU159



US200 Door Panel for tight enclosures.
#AL214

