

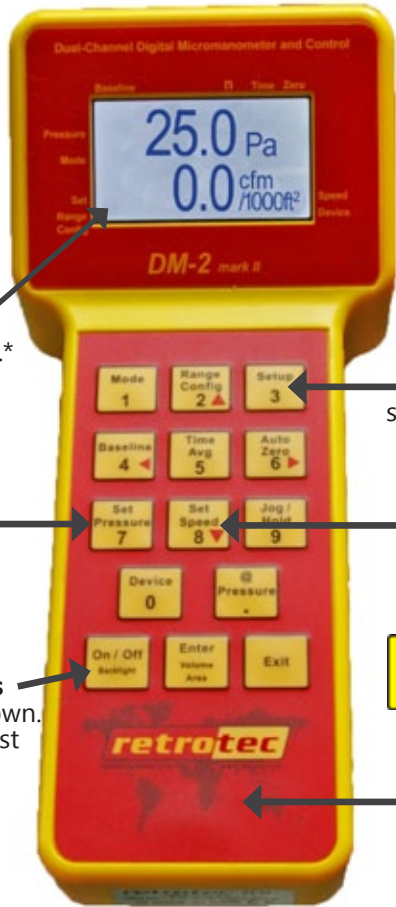
Model 200

DucTester Systems



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.



Easy to read across the room.*

"Set Pressure" control to any pressure.*

System settings saved on shutdown. No need to adjust every time.*

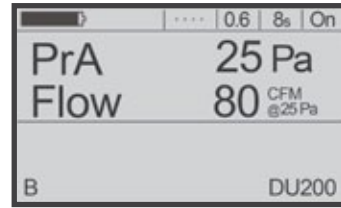
Custom "Setup" simplifies operation. Remove unused options.*

"Set Speed" and adjust with intuitive up/down arrow keys.*



Update Online to download the latest features.*

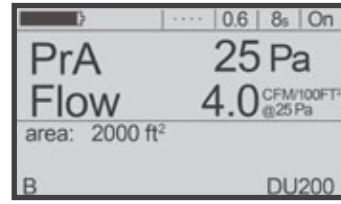
Details Screen



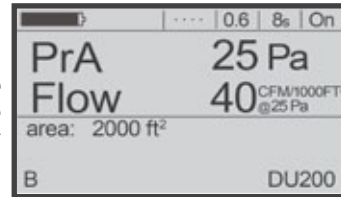
CFM at 25 Pascal test pressure used for most standards.



CFM at 25 Pascal per square foot.



CFM at 25 Pascal per 100 square feet.



CFM at 25 Pascal per 1000 square feet.

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:	Units Available:	Examples:
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 $\frac{\text{cfm}}{100\text{ft}^2}$ @ 75.0Pa
Leakage Area:	EqLA (Canadian) and/or EFLA (US): cm ² , in ² , ft ²	12.8 $\frac{\text{ft}^2}{10.0\text{Pa}}$
Leakage per area:	in ² /100ft ² , cm ² /m ² , in ² /in ²	1.15 $\frac{\text{in}^2/100\text{ft}^2}{10.0\text{Pa}}$
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



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



Umbilical with color coded connections

Status light indicates good gauge connection.*

Control speed at the fan.*

Power light indicates power to fan.*

On/Off switch restores speed to previous setting.*

*exclusive



Control options:



Control directly from the gauge.



Control from up to 100' away.

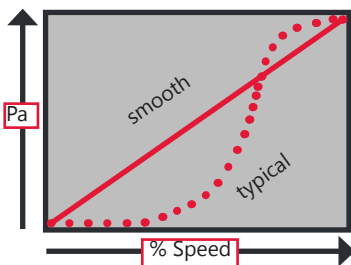


Fully automatic FanTestic software.



Tough ergonomic shell

Smooth Control



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

Model 200 Fan specs

	Flow into:	CFM	litres/s	m ³ /h
Maximum Flow <i>(reduce values by 15% for 50Hz)</i>	Free Air	680	321	1,155
	(with Flex-duct attached) 25 Pa	580	274	985
Minimum Flow	(with Flex-duct attached) 25 Pa	7	3.3	12
Dimensions	13 in. length, 11 in. width, 13.25 in. height			
Weight	11.75 lbs (5.3 kg)			
Flow Accuracy	+/- 3%			
Power	120V or 240V, 185 watts			

System Components

Gauge case & QuickGuides



Color-coded tubes & Static Pressure Probe

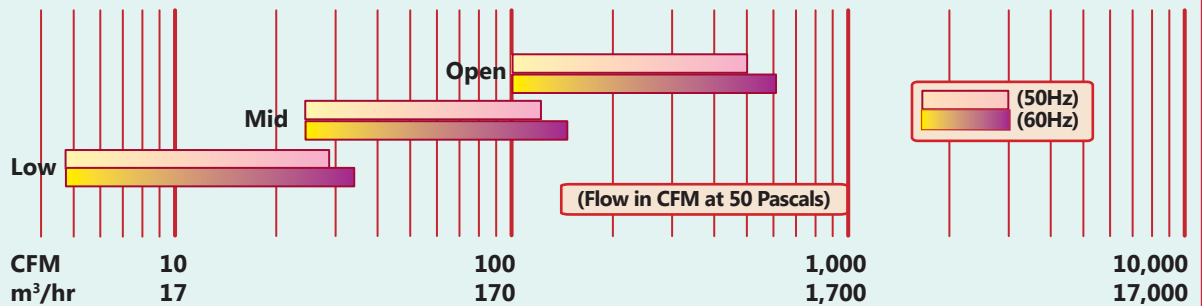


Grill mask



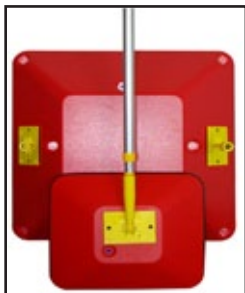
Inside the deluxe tool bag

Includes: Model 200 calibrated fan, 3 Range Configurations, DM-2 digital gauge, NiMH rechargeable batteries (charged in the gauge), 20 ft umbilical, color coded tubing kit with Static Pressure Probe, deluxe tool bag, QuickGuides, 25 ft. power cord.



Wide span between the minimum/maximum flow, and seven included ranges, allow the leakiest and tightest buildings to be tested. Calibration meets ASTM E779-10, EN 13829, CGSB 149.10, ATTMA TS-1. Flow is reduced by 15% for 50Hz.

Options for DU200



Pressure Pans to locate leakiest ducts.



Remote Control Speed.



Grill Mask to seal registers.



Air Current Testers.



Field Calibration Plate verifies system in working condition.



US200 door panel for tight enclosures.

