

Model 451 Commercial DucTester

260 CFM flow and up to 20 in WC and only 33 lb for complete kit in a case!

Measure duct leakage in commercial systems in either direction with the first truly light weight (16 lb) handheld commercial duct tester. Combine the power of this new fan with the industry's first touch screen WiFi gauge and your testing options are limitless. Improve your accuracy with live results from any testing standard. Reduce testing time with the latest in flow range technology, a series of Quick Orifice plates that test down to 1 CFM with optional orifices down to 0.01 CFM.

**Please refer to online spec sheet at <http://retrotec.com/products/441-us-commercial-ductester>*



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| Power requirements | 120 V AC, 15.5 A, 1700 W, 2.35 hp, 50/60 Hz |
| Flow Range | 4 in WC = 1 to 260 CFM 10 in WC = 10 to 281 CFM at Four orifice plates included. Others optional. |
| Flow Accuracy | +/- 2% against NIST traceable standard. |
| Test direction | Pressurization. Depressurization option by additional 10 to 4 inch adapter that connects to fan inlet. |
| Test pressure | 0 to 20 in WC. Maximum stall pressure of impeller is 29 in WC. |
| Retrotec DM32 Digital Touch Screen Gauge Pressure Gauge, WiFi optional. | <ul style="list-style-type: none"> • Specific DM32 with 20 in. WC (5000 Pa) sensor. • Pressure range +/- 20 in WC • Resolution 0.0001 in WC • Accuracy is 0.5% of reading or 0.001 in WC whichever greater |
| Speed Control, 5 ways | <ol style="list-style-type: none"> 1. Speed control knob on fan housing, OR 2. Set fan speed to % in gauge, OR 3. FREE updates over the Internet will give Set to Pressure, OR 4. Computer control and data logger recording, OR 5. WiFi applications optional. |
| Results: | CFM, CFM/ sq ft, CFM/ 100 sq ft, Leakage Area <ul style="list-style-type: none"> • visual display • Optional computer data logging at any rate for any length of time. Free software, requires computer. |
| Connections | 14 feet of 4 inch flexible duct with 4 inch collar. |
| System Size | 14 x 14 x 26 inches in carrying case |
| Weight | 16 lb DucTester. 32 lb total system including all orifices, gauges, tubing and flex in a custom jobsite ready case. |
| Fan Calibration Interval | Recommended every 5 years |
| Warranty | 5 years on all components except flex duct and connectors. |



DucTester is 16 lb.



Complete system shown with optional 10 - 4 inch adapter for depressurizing and two extra orifice plates.