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Price list

## Minneapolis BlowerDoor Measurement Systems

### **Minneapolis BlowerDoor Standard \_ 4,380.00 €**

Computer-controlled measurement with digital pressure gauge

#### **BlowerDoor fan with flow rings A-E**

Measuring range 19 m³/h up to 7,200 m³/h, incl. fan cover

#### **Digital pressure gauge DG-700**

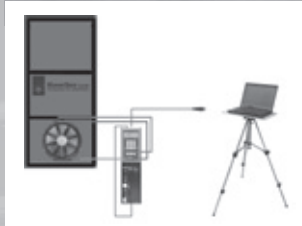
2 pressure channels, cruise control

#### **BlowerDoor mounting frame and BlowerDoor panel**

Suitable for dimensions from W 0.71 m – 1.14 m to L 1.32 m – 2.43 m, incl. transport bag

#### **BlowerDoor accessory bag**

Incl. speed controller (220–240V), comprehensive reference guide with photos, software TECTITE Express to calculate characteristic values according to EN 13829, EnEV and DIN 4108-7, incl. a test report master to create a certificate (Excel sheet), silicone-tubes in different colours for differential pressure, CalibrationCheckCard, calibration certificates for DG-700 and BlowerDoor fan



### **Benefit from the high precision of BlowerDoor's measuring technology!**

Since 1992, all BlowerDoor measuring fans have come with top-quality flow rings with one aperture each. The position of the pressure sensor as well as the geometry of the fan have been developed by experts to create a stable and reproducible velocity profile, enabling the BlowerDoor measuring system to achieve maximum accuracy. A calibration certificate is provided for all BlowerDoor measuring systems.

### **Recommended configuration**

#### **Minneapolis BlowerDoor Standard**

Incl. anemometer SwemaAir 40, laptop rack, sealingbox

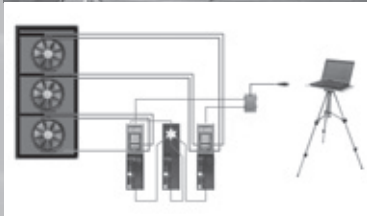
**Package price \_ 5,200.00 €**

### **Minneapolis BlowerDoor MultipleFan \_ 12,450.00 €**

**The BlowerDoor MultipleFan system consists of 3 BlowerDoor fans and 2 digital DG-700 pressure gauges, and was developed for airtightness measurements in large buildings.**

#### **Scope of delivery**

2 measurement systems Minneapolis BlowerDoor Standard, 1 BlowerDoor fan with fan cover, speed controller, additional upper cross bar, mounting strut short and long, panels with 2 and 3 openings, software TECLLOG MultipleFan, communication jack, COM-Port-Box (4 ports) incl. serial data cables (RS232/2 m each), serial data cable on cable drum (2 x RS232/50 m), tube set, 2 laptop racks, attachment: measurement device holder, sealing box, and reference guide. All DG-700 and BlowerDoor measuring fans come with their calibration certificate. Incl. personal instruction in German, English, French or Spanish (duration 2 hours, on location in Springe-Eldagsen or online).



**Do you intend to upgrade your Minneapolis BlowerDoor Standard or to combine several MultipleFan systems? Contact us to compile the optimal configuration!**

### **Seminar BlowerDoor MultipleFan**

**Airtightness measurement in large buildings with multiple BlowerDoor fans.**

Individual one-day-seminar in German, English, French or Spanish (on location if desired).

**Plus travel expenses/overnight stay \_ 950.00 €**

**BlowerDoor GmbH**

**MessSysteme für Luftdichtheit**

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### Thermal Anemometers

**SwemaAir 40 \_ 595.00 €**

Air velocity measuring instrument with digital display  
*Available exclusively from BlowerDoor GmbH!*



**testo 425 \_ 412.00 €**

Air velocity measuring instrument with digital display  
*With always-ready case \_ 439.00 €*



### Fog generator

**HeavyFogger \_ 690.00 € / 790.00 €**

1.300 W heating power, integrated fluid container (5l), with 5l special fluid, weight without canister 8.6 kg  
*With remote control (HeavyFogger K) \_ 690.00 € / with radio remote control (HeavyFogger F) \_ 790.00 €*



**SlightFogger \_ 499.00 € / 599.00 €**

650 W heating power, integrated fluid container (750 ml), with 2l special fluid, weight without canister 5.4 kg  
*With remote control (SlightFogger K) \_ 499,00 € / with radio remote control (SlightFogger F) \_ 599.00 €*



**HandFogger \_ 725.00 €**

Battery-driven fog generator incl. vaporizer, accumulator 12V/70W and battery charger, 250 ml special fluid, padded case, weight incl. accumulator 630 g



**PowerFogger \_ 680.00 €**

400 W heating power, accumulator 12V, integrated fluid container (250 ml), with 250 ml special fluid, weight incl. accumulator 5.6 kg



### Window and Door Measurement System\*

#### **Air permeability test of windows and doors (on-site check)**

Package contents: robust transport case with 4 specially manufactured orifice plates of various sizes, measuring software in English with detailed reference guide (available in English, French, German) as well as 5 tarpaulins, scissors and cutter, 5 rolls of PVC adhesive tape, 3 tubes with T-pieces, 4 capillary tubes.

**\_ 395.00 €**



*Illustration only*



### Bau.Tools BlowerDoor with Sequential Analysis\*\*

**All-season testing procedure for detecting air leakages with BlowerDoor and thermography**  
(software and reference guide available in DE/EN/FR)

**1 license \_ 480.00 € / 4 licenses and more, each \_ 456.00 €**

*Optional accessories: serial data cable on cable drum (2 x RS232/50 m) \_ 120.00 €  
COM-Port-Box (4 ports) converter USB 2.0 > 4 x serial \_ 45.00 €*

### Software for BlowerDoor Measurement

#### **Software TECTITE Express\***

(software and reference guide available in DE/EN/FR)  
Automatic BlowerDoor test and form for BlowerDoor test report according to DIN EN 13829 (included in the system BlowerDoor Standard and in the DG-700 as stand-alone device) **\_ 185.00 €**

#### **Software TECLOG MultipleFan\***

(software in English, reference guide available in DE/EN/FR) BlowerDoor Test in large buildings (included in the system BlowerDoor MultipleFan) **\_ 185.00 €**

**Software instruction** (duration about 1.5 h) **\_ 95.00 €**

**Software instruction with installation of devices** (duration about 2.5 h) **\_ 150.00 €**

\*System requirements: Windows XP and up, Excel 2000 and up  
\*\*System requirements: full version of the Windows Vista or Windows 7 operating systems

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## Accessories

<b>BlowerDoor fan</b> incl. rings A-E, controller and fan cover	_ 2,395.00 €
<b>Set of flow rings</b> (flow rings A-E, including 8 ring-clips)	_ 360.00 €
<b>Silver grey fan bag (1)</b> Dust-proof cloth bag for BlowerDoor fan	_ 150.00 €
<b>Padded fan case (2)</b> The padded fan case is made of water resistant nylon and includes plenty of high density foam to protect the BlowerDoor fan from the bumps and bangs of everyday use. It is perfect for anyone who keeps their fan in the back of a van or pickup truck.	_ 385.00 €
<b>Digital pressure gauge DG-700 with Cruise Control Function (3)</b>	_ 1,280.00 €
<b>Controller incl. cables (4)</b>	_ 530.00 €
<b>Power supply for DG-700</b>	_ 22.00 €
<b>BlowerDoor mounting frame standard</b> incl. lower and middle cross bars, transport bag. Suitable for dimensions from W 0.71 m – 1.14 m and L 1.32 m – 2.43 m	_ 620.00 €
<b>Additional upper/middle cross bar</b> for BlowerDoor mounting frame, standard, incl. velcro strap	_ 90.00 €
<b>BlowerDoor mounting frame oversized</b> incl. lower, middle and upper cross bars, transport bag. Suitable for dimensions from W 1.08 m – 1.82 m and L 1.44 m – 2.67 m	_ 740.00 €
<b>BlowerDoor mounting frame for windows</b> Suitable for dimensions from W 0.71 m – 1.14 m to L 0.74 m – 1.27 m	_ 490.00 €
<b>BlowerDoor panel standard</b>	_ 210.00 €
<b>BlowerDoor panel standard with 2 openings</b>	_ 230.00 €
<b>BlowerDoor panel standard with 3 openings</b>	_ 250.00 €
<b>BlowerDoor panel oversized</b>	_ 240.00 €
<b>BlowerDoor panel oversized with 2 openings</b>	_ 260.00 €
<b>BlowerDoor panel oversized with 3 openings (5)</b>	_ 280.00 €
<b>Laptop rack (6)</b> Collapsible table for adjustable, comfortable working heights. Extendable up to 145 cm	_ 148.00 €
<b>Measurement device holder</b> for configuration of up to 6 controller for air tightness measurements in large buildings	_ 148.00 €
<b>Exhaust Fan Flow Meter (7)</b> Air flow between 14 m <sup>3</sup> /h and 200 m <sup>3</sup> /h for measurement with DG-700 or DG-3E. Inclusive telescopic bar (L 0.94 m, extendable up to 1.85 m)	_ 190.00 €

<b>Sealing box (8)</b> Contains 12 rubber bladders to seal ventilation pipes, air pump with tube extension, filling and drain needles, HT plug set, plastic sheets and adhesive tapes for temporary seals, T-pieces, etc.	_ 150.00 €
<b>DuctMask (Temporary Register Sealing Tape)</b> 1 roll 0.2 m × 61 m 1 roll 0.61 m × 61 m	_ 37.00 € _ 96.00 €
<b>Serial data cable</b> (2 × RS232/2 m)	_ 14.00 €
<b>Serial data cable</b> on cable drum (2 × RS232/50 m)	_ 120.00 €
<b>Communication jack</b> incl. 3 cables with jack plugs	_ 48.00 €
<b>COM-Port-Box (4 ports)</b> Converter USB 2.0 > 4 × serial	_ 45.00 €
<b>Smoke pens Björmax</b> Equal smoke sufficient for 240 tests with a duration of 30 seconds, consisting of paraffin and stearin (pen plus 6 substitution smoke pens)	_ 28.00 €
<b>Substitution smoke pens (set 6 pieces)</b>	_ 24.00 €
<b>Rubber bladder set</b> 12 rubber bladders for pipe diameter from 9 to 24 cm, 1 air pump, 1 tube extension, 4 valves	_ 43.50 €
<b>Vaporiser (substitution)</b> for HandFogger	_ 27.00 €
<b>Fog fluid</b> for HandFogger or PowerFogger, 250 ml for HandFogger or PowerFogger, 2 l for HeavyFogger or SlightFogger, 5 l	_ 12.00 € _ 35.00 € _ 28.00 €

**Other accessories on request.**

## Calibration/Adjustment

<b>Manufacturer's calibration and adjustment of DG-700</b> (Calibration interval 2 years)	_ 130.00 €
<b>Manufacturer's calibration and adjustment of APT</b> (Calibration interval 1 year)	_ 150.00 €
<b>Manufacturer's calibration of analog pressure gauges</b> (Calibration interval 2 years)	_ 150.00 €
<b>Calibration of BlowerDoor fan incl. fan check</b> (calibration periods see <a href="http://www.blowerdoor.com">www.blowerdoor.com</a> – previous notice is obligatory!)	_ 490.00 €

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## Order Form

For your purchase order you may use this order form and add it to your company's letter.

From:

To:

BlowerDoor GmbH  
Zum Energie- und Umweltzentrum 1  
D-31832 Springe

Fax +49 (0) 50 44 / 9 75 - 44

Quantity	Items from price list 02/2014	page	€/ each	Total
	Minneapolis BlowerDoor Standard with DG-700	1	4,380.00	
	Minneapolis BlowerDoor Standard (recommended configuration)	1	5,200.00	
	Minneapolis BlowerDoor MultipleFan	1	12,450.00	
	Seminar BlowerDoor MultipleFan	1	950.00	
	Thermal Anemometer SwemaAir 40	2	595.00	
	Thermal Anemometer testo 425	2	412.00	
	Thermal Anemometer testo 425 with always-ready case	2	439.00	
	Fog generator HeavyFogger K	2	690.00	
	Fog generator HeavyFogger F	2	790.00	
	SlightFogger K	2	499.00	
	SlightFogger F	2	599.00	
	Battery-driven fog generator HandFogger	2	725.00	
	Battery-driven fog generator PowerFogger	2	680.00	
	Window and Door measurement system	2	395.00	
	Bau.Tools BlowerDoor with sequential analysis / 1 license	2	480.00	
	Bau.Tools BlowerDoor with sequential analysis / 4 licenses and more, each	2	456.00	
	Serial data cable (optional accessory for Bau.Tools BlowerDoor)	2	120.00	
	COM-Port-Box (optional accessory for Bau.Tools BlowerDoor)	2	45.00	
	Software TECTITE Express	2	185.00	
	Software TECLOG MultipleFan	2	185.00	
	Software instruction TECLOG MultipleFan	2	95.00	
	Software instruction TECLOG MultipleFan with installation of devices	2	150.00	
	<b>Total amount</b>			

Date

Signature

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Business Conditions: Prices do not include VAT and shipping costs. The goods remain the property of BlowerDoor GmbH until full payment is made. The place of jurisdiction for merchants is Springe. Payment terms: 100 % prepayment.

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Quantity	Items from price list 02/2014	page	€/ each	Total
	BlowerDoor fan incl. flow rings A-E, speed controller and fan cover	3	2,395.00	
	Set of flow rings	3	360.00	
	Silver grey fan bag	3	150.00	
	Padded fan case	3	385.00	
	Digital pressure gauge DG-700	3	1,280.00	
	Speed controller incl. cables	3	530.00	
	Power supply for DG-700	3	22.00	
	BlowerDoor mounting frame standard	3	620.00	
	Additional upper/middle cross bar	3	90.00	
	BlowerDoor mounting frame oversized	3	740.00	
	BlowerDoor mounting frame for windows	3	490.00	
	BlowerDoor panel standard	3	210.00	
	BlowerDoor panel standard with 2 openings	3	230.00	
	BlowerDoor panel standard with 3 openings	3	250.00	
	BlowerDoor panel oversized	3	240.00	
	BlowerDoor panel oversized with 2 openings	3	260.00	
	BlowerDoor panel oversized with 3 openings	3	280.00	
	Laptop rack	3	148.00	
	Measurement device holder	3	148.00	
	Exhaust Fan Flow Meter incl. telescopic bar	3	190.00	
	Sealing box	3	150.00	
	DuctMask (Temporary Register Sealing Tape) 1 roll 0.2m x 61m	3	37.00	
	DuctMask (Temporary Register Sealing Tape) 1 roll 0.61m x 61m	3	96.00	
	Serial data cable (RS232/2m)	3	14.00	
	Serial data cable (2 x RS232/50m)	3	120.00	
	Communication jack	3	48.00	
	COM-Port-Box (4 ports)	3	45.00	
	Smoke pens Björnax	3	28.00	
	Substitution smoke pens (6 pieces)	3	24.00	
	Rubber bladders substitution	3	43.50	
	Vaporiser for Handfogger	3	27.00	
	Fog fluid for HandFogger or PowerFogger, 250 ml	3	12.00	
	Fog fluid for HandFogger or PowerFogger, 2 l	3	35.00	
	Fog fluid for HeavyFogger or SlightFogger, 5 l	3	28.00	
	Manufacturer's calibration and adjustment of DG-700	3	130.00	
	Manufacturer's calibration and adjustment of APT	3	150.00	
	Manufacturer's calibration of analog pressure gauges	3	150.00	
	Calibration of BlowerDoor fan incl. fan check	3	490.00	
<b>Total amount</b>				

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