

KIMO Digital Flowmeter

Model DBM610

- Measuring range of 40 to +3500 m³/h
- Hood changing system simple and fast
- Readings operating software on PC (Datalogger 10)
- Reliable, light, solid easy to handle
- Removable case
- Interchangeable hoods

FUNCTIONS

- Simultaneous display of flow and temperature
- Automatic flow direction (extraction or blowing)
- Automatic average and point by point average
- HOLD function (sets reading)
- Removable case (micromanometer function)
- PC operating thanks to USB interface
- Choice of languages



Specifications

FLOW

Measuring range from 40 to +3500 m³/h
Accuracy 3% of reading ±10 m³/hh

TEMPERATURE (on base)

Measuring range from 0 to 50°C
Accuracy 2% of reading ±0.1 °C

TEMPERATURE THERMOCOUPLE (on case)

Thermocouple K, J, T, S
Measuring ranges
K: from -200 to 1300°C
J: from -100 to 750°C
T: from -200 to 400°C
S: from 0 to 1760°C

PRESSURE

Measuring range from -2500 to +2500 Pa
Accuracy ±0.2% of reading ±2Pa

General Specifications

Conformity Electromagnetic compatibility (Standard NF EN 61326-1)
Supply 4 alkaline batteries LR6; Rechargeable battery Li-ion, 3.7 V 4400 mAh (option)

Model	Description
DBM610	With hood 610 x 610 mm
DBM610C	Flowmeter with 5 hoods
HO610	610 x 610 mm
HO1020	1020 x 1020 mm
HO720	720 x 720 mm
HO713	720 x 1320 mm
HO415	420 x 1520 mm



ALNOR ANALOG BALOMETER

Model ABT701

Features

- Analog display, easy to read, fast measuring
- Easy to carry thanks to a strong handle in the middle
- Ergonomic design, ultra light; easily manageable by one person
- Different hoods of different sizes available
- Holding of measures
- On-wheels carrying case, like a suitcase

Description

Analog balometers, models ABT701 / ABT703 / ABT711 / ABT713

Input and output ranges

From 30 to 1 000 CFM (ft³/min), 50 to 2 000 MCH (m³/h)

Accuracy

AABT701 / ABT703 ±3% of chosen full scale +5 CFM (ft³/min)
ABT711 / ABT713 ±3% of chosen full scale +10 MCH (m³/h)

Units

ABT701 / ABT703 CFM (ft³/min)
ABT711 / ABT713 MCH (m³/h)

Supply

Four (4) alkaline AA batteries

Weight with batteries: 7.4 pounds (3.4 kilos)

Code	Description
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ABT701	30 to 1000 CFM (ft ³ /min) with 2 ft x 2 ft (610 mm x 610 mm) hood
ABT703	30 to 1000 CFM (ft ³ /min) with 16in x 16in (406 mm x 406 mm) hood
ABT711	50 to 2000 MCH (m ³ /h) with 2 ft x 2 ft (610 mm x 610 mm) hood
ABT713	50 to 2000 MCH (m ³ /h) with 16in x 16in (406 mm x 406 mm) hood

In option: kits of hood and frame

801097	2 ft x 2 ft (610 mm x 610 mm)
801201	2 ft x 4 ft (610 mm x 1220 mm)
801200	1 ft x 4 ft (305 mm x 1220 mm)
801202	1 ft x 5 ft (305 mm x 1525 mm)
801203	3 ft x 3 ft (915 mm x 915 mm)
801209	16 in x 16 in (406 mm x 406 mm)



CH-Stand

ALNOR Digital Balometer - Micromanometer

Model EBT731

Balometer with removable multifunction micromanometer

- Flow 25 to 2500 ft³/min (42 to 4250 m³/h); ±3 % VM ±7 ft³/min
- Speed 25 to 15000 ft/min (with Pitot tube)
- Differential range ±15 inH₂O (3735 Pa); resolution of 0.00001 inH₂O and accuracy of ±2 % VM ±0.001 inH₂O
- Absolute pressure 14 to 40 inH₂O ((356 to 1016 Hg))
- 0 to 95 %HR (optional probe) and -40 to 121°C (depending on probe)
- Memory of 26500 measures (transfer software included), including minimum, maximum and average, continuous or interval acquisition (10 to 600 seconds)
- Guaranty of 2 years

Code	Description
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EBT731	Hood 2 x 2 ft, base for balometer, micromanometer, 4 AA rechargeable batteries, external charger, AC adaptor, Pitot tube 18", 2 static pressure probes, Neoprene 16 feet hose, case on wheel, Computat™ transfer software, NIST certificate and user manual
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Additional accessories and probes

801206	Hoods and frames 2 x 4 ft and 1 x 4 ft
801207	Hoods and frames 3 x 3 ft and 1 x 5 ft
801090	X-sensor, 16 points
800187	Air Flow air velocity probe
800220	Humidity-temperature probe

Accessories for ABT701 and EBT731

960	Straight probe for air velocity and temperature
962	Flexible probe for air velocity and temperature
964	Straight probe for air velocity, temperature and humidity
966	Flexible probe for air velocity, temperature and humidity
8934	Wireless printer Bluetooth
CH-stand	Stand for the hood

