

Aerosol Inhalation Monitor



The Vitalograph Aerosol Inhalation Monitor is the effective way to train patients in the use of MDIs. Extensive research has found that many patients find it difficult to master the correct technique of using MDIs and may not be administering the required dosage of the drug, because of:

- ▼ Inhaling too fast or too slowly
- ▼ Failing to co-ordinate aerosol firing with inhalation
- ▼ Ceasing inhalation after firing of aerosol
- ▼ Insufficient duration of breath-holding after inhalation

... **more effective** administration of drugs by MDI

The AIM helps you train your patients to administer drugs by MDIs more effectively and above all else, it gives an instant and consistent appraisal of your patients' technique.

An Incentive Device using illuminated cartoon-like characters is also available, and makes learning fun for both adults and especially children.



Upon completion of the test, the performance to each of the following is clearly indicated:

- ▼ Correct inspiratory flow rate
- ▼ Co-ordination of aerosol firing with inhalation
- ▼ Continued inhalation after aerosol firing
- ▼ Compliance with minimum breath-holding time requirements
- ▼ Verbal instruction, visual feedback, and repeat testing results in effective technique and improved drug therapy
- ▼ Using the AIM therefore means fewer visits to the surgery, cost-effective use of drugs and better disease management

Incentive Device makes learning fun...

Aerosol Inhalation Monitor

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Features ...

- ▼ Improves inhalation technique using objective measures
- ▼ Gives an instant and consistent appraisal of your patients' technique
- ▼ Easy to use for children and adults
- ▼ Ensures correct drug delivery
- ▼ Fewer visits to physician and more cost-effective use of drugs
- ▼ Encourages patient compliance
- ▼ The cartoon-like Incentive Device accessory makes learning fun
- ▼ Hygienic single-patient mouthpiece

Technical Specifications ...

- ▼ Test Criteria: Inspiratory Flow: Green Light Range 10-50 L/m (Ideal 30L/m)
Firing/delivery: Green Light > 1.5s (Ideal > 3s)
Breath hold time: Green Light > 5s (Ideal > 10s)
- ▼ Safety Standards: Certified to ISO EN60601
- ▼ Mains Power Supply: 110V~ + 10% 50/60Hz (USA)
230V~ + 10% 50/60Hz (EU)
- ▼ PowerSafe Output: Nominal 10V DC at 750mA.
N.B. only the Vitalograph PowerSafe must be used.
- ▼ Flow Detection Principles: Platinum Wire Anemometer
- ▼ Canister Operation Detection: Gold Plated Contact Pins
- ▼ Flowmeter Scale Marking: Lower RED band < 10L/m, Tolerance +/- 5L/m
GREEN band 10 – 50 L/m, Tolerance +/- 5L/m
Upper RED band > 50 L/m, Tolerance +/- 5L/m
- ▼ Operating Temperature Range: 10°C – 40°C
- ▼ Physical Data:

	AIM	Incentive Device
Net Weight:	0.85 Kg	0.76 Kg
Gross Weight:	1.84 Kg	1.7 Kg
Net Dimensions (WxDxH):	200 x 190 x 90 mm	110 x 170 x 90 mm
Gross Dimensions (WxDxH):	310 x 360 x 150 mm	230 x 330 x 170 mm

Ordering Information ...

- 45000..... AIM (Aerosol Inhalation Monitor)
- 45500..... Incentive Device
- 45007..... Flowhead (replace annually)
- 45020..... Disposable mouthpieces (100)
- 45027..... HFA Placebo Aerosol (16)
- 14002..... Half Day Training
- 14133 Routine Annual Service - RTB

... please ask about our
5 year Warranty!


... your distributor

from  **Vitalograph**[®]

... the spirometry people



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