

Introducing

Breezing®

Gold Standard Indirect Calorimetry



Stop Guessing

Accurate **Resting Energy Expenditure (REE)** measurement is an essential ingredient to personalized weight management programs for the unique needs of each patient. Predictive metabolic equations are inaccurate by more than 10% for 3 out of 4 individuals and can overestimate or underestimate your patient's Resting Energy Expenditure by nearly 1,000 Cal/day.¹ Other devices on the market intended to measure REE are cumbersome and expensive to use. Breezing Pro/Med is the only wearable metabolic assessment device that is cost effective and simple enough to fit into existing patient workflows, and delivers the gold-standard precision necessary for predictable, successful results.

74%

of predictive REEs differ from measured REE by more than 10%¹

Start Measuring

The Academy of Nutrition and Dietetics recommends the measurement of energy expenditure by means of indirect calorimetry when determining an individual's energy needs. Breezing Pro/Med provides Gold Standard Indirect Calorimetry by measuring both O_2 and CO_2 . The accuracy of measured indirect calorimetry with Breezing Pro/Med allows for building a weight management plan you and your patients can trust will work from the start.



VO_2
+
 VC_{O_2}

MEASURED RESULTS IN
10
MINUTES

Inspire Adherence

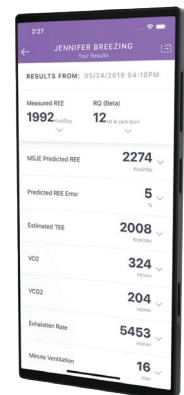
Individuals using Breezing, while following a structured weight management plan, showed 70% greater adherence and 3x greater weight loss compared to a control group using predictive equations.² Breezing Pro/Med, with its associated mobile application, provides the additional motivation your weight management patients need. In addition, it tracks REE changes produced by metabolic adaptations enabling to take timely interventions to achieve successful target weight.

70%

Greater Adherence²

3x

Greater weight loss²



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¹ Deng, Scott BJ (2019) Comparison of Resting Metabolic Rates: Calculated using predictive equation and measured using Portable Indirect Calorimeter. Glob J Obes Diabetes Metab Syndr 6(1): 010-016. DOI: <http://doi.org/10.17352/2455-8583.000036>

² According to a clinical study utilizing Breezing technology in obese individuals targeting a 500 kcal/day deficit. Stump C, Jackemeyer D, Abidov, Herbst, Tao N, et al. Study of the Effect of Mobile Indirect Calorimeter on Weight Management. Glob J Obes Diabetes Metab Syndr 4(2): 044-050. DOI: <http://doi.org/10.17352/2455-8583.000022>

Visit <https://breezing.com/resources/> for additional clinical information

Simple, Wearable Device



Single-Use Sensors



- Self Calibrating
- Proprietary
- VO₂
- VCO₂

Mobile App



- Patient Centric
- Progress Tracking
- Trend Analysis
- iOS & Android

Technical Specifications (Breezing Pro/Med*)

Intended Use	Report Resting Energy Expenditure (REE) (kcal/day)	
Range	1000 – 3000 kcal/day	
Function	Gold Standard – Indirect Calorimetry	
Measurement Mode	Reusable strap & mask + Single-use sensor cartridge	
Primary Parameters	VO ₂	VCO ₂
Range	150 – 400 mL/min	150 – 400 mL/min
O ₂ and CO ₂ Accuracy	<1% error	<1% error
Flow Range	0 – 150 L/min	
Flow Accuracy	< 3% error	
Test Duration	10 minutes	
Weight	160g (5.6oz)	
Dimensions	16cm (6.4in) x 8cm (3.2in) x 11cm (4.3in)	
Battery life	4 hours (approximately 20 tests)	
Mobile Application	iOS & Android	
Wireless Communication	Bluetooth low energy 4.0	
Calibration	Self-calibrating	
Charging	Micro USB cable	



*Breezing Med is FDA-cleared: see FDA application summary at: https://www.accessdata.fda.gov/cdrh_docs/pdf20/K200076.pdf

Breezing[®]

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