



Research Quality Resting Energy Expenditure Measurements

Automatic Calculation of VO_2 , VCO_2 , RQ, Kcals, CHO, Lipids Using either Mask or Canopy (Hood) with unequaled accuracy

Vista-MX/REE System is a modular system for Resting Energy Expenditure measurements (REE, BMR, RMR) as well as Cardio-Pulmonary Exercise Stress (VO_2) testing. It consists of our model 17590 Vista-MX, model 17585 Canopy Module and model 17597 Canopy Calibrator.

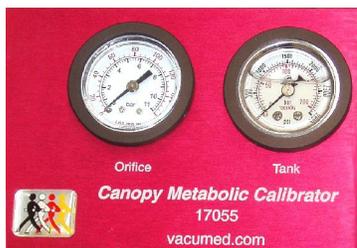
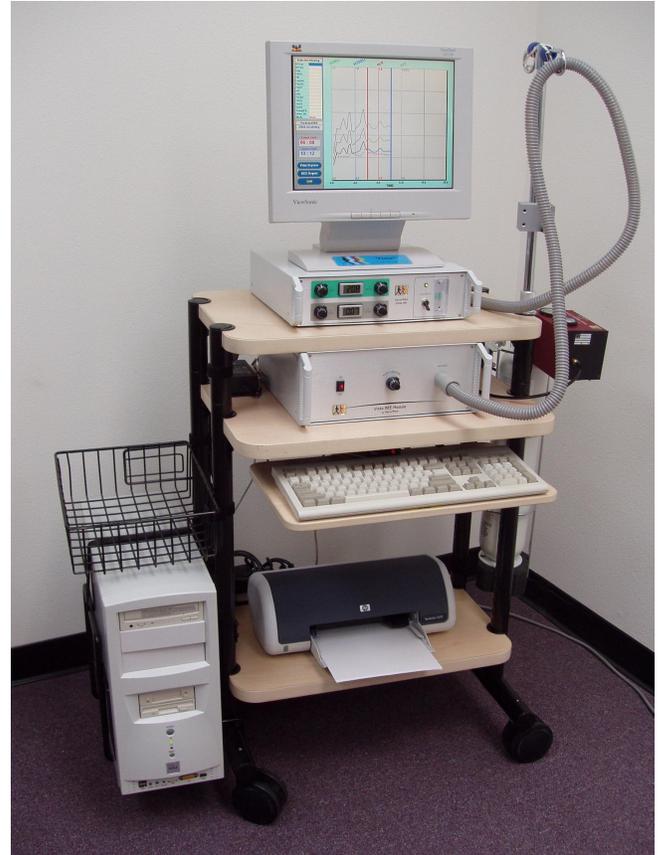
It may be used as a desktop system with your own computer or with our mobile cart, including IBM-compatible computer, as shown on the right.

Vista-MX/REE uses a new calibration method that achieves unequaled accuracy for resting measurements:

Calibration with the Model 17597 Canopy Calibrator Module guarantees VO_2 and VCO_2 accuracy of $\pm 2\%$

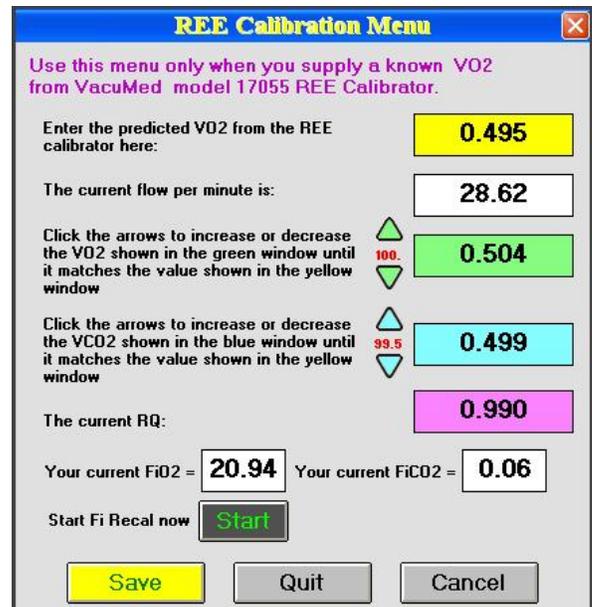
We achieve this accuracy in two ways:

1. We actually measure the canopy flow rate, rather than depend on a fixed orifice maintaining a fixed flow forever.
2. We provide a metabolic flow mixture of known VO_2 from the 17055 Canopy Metabolic Calibrator, then fine-tune the VO_2 calculation so that it matches the input, as shown in the REE Calibration Menu.



The Canopy Metabolic Calibration Module

Included is our proven Windows-based TurboFit software which offers unparalleled ease of operation and virtually unlimited user definable graphic and text display options, workload protocols, parameter selection and reports; a USB computer interface, a permanently calibrated turbine flowmeter, on-line temperature and barometric pressure sensors, and either canopy (hood), mask or mouthpiece patient interface.



Specifications on back

