CPX EXPRESS™

Setting the benchmark for exercise testing.

The CPX Express sets the benchmark for gas exchange systems with flexible patient configurations, simple testing procedures, and pre-configured reporting functionality.

The CPX Express includes all digital data acquisition and precise breath-by-breath analysis to measure the complete cardiorespiratory system and provides objective, repeatable data on functional capacity.

Express Features

- Small compact design
- Integrated touch screen computer
- No calibration gas or syringe required
- Onboard environmental sensors
- Pre-configured reports and data screens
- Intuitive ICON based software

Innovative Technology

- Patented breath-by-breath analysis and rapid response O_2 & CO_2 analyzers
- Lightweight (26 gm/<1 oz.) preVent pneumotach exceeds ATS/ERS performance standards

The CPX Express provides real solutions for :

- Pre-operative assessments
- Cardio/Pulmonary rehab
- Triage - Differential diagnosis
- Human Performance Labs
- Occupational Medicine

MedGraphics

CPX EXPRESS™

Specifications

Size (Base)
- Height: 24 cm (9.5")
- Width: 19 cm (7.5")
- Depth: 26.7 cm (10.5")
- Weight: 4.7 kgs (9.2 lbs)

Power Requirements
- 100-240V/50-60Hz

Flow Device Direct Connect preVent
- Bi-directional Pitot Tube Pneumotach
- Patent Number: 5, 357, 972
- Accuracy: ± 3% or 10 ml, whichever is greater
- Resolution: 2.4 ml/sec

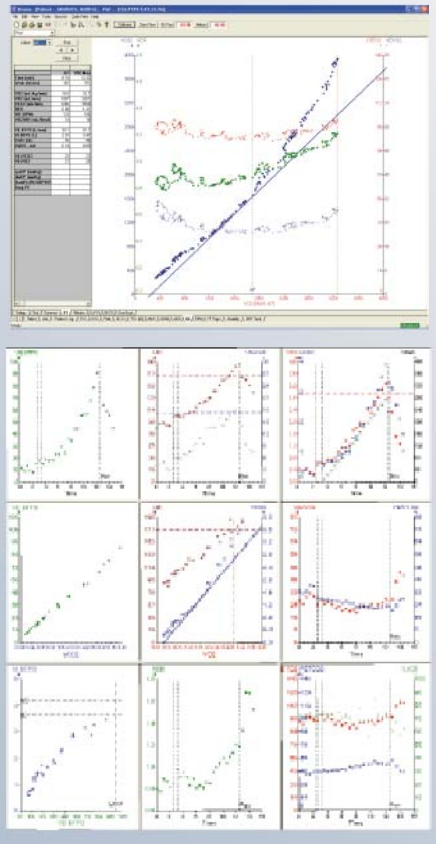
Gas Sample
- Patent Number: 5, 042, 500
- Patented gas drying sample circuit
- Side stream sampling flow rate: 80-100ml./min
- Warm-up Time: 30 minutes from cold start

O_2 Analysis
- Type: Fuel Cell
- Range: 1 - 100%
- Response: (10-90%) <130 msec
- Resolution: ± 0.1%

CO_2 Analysis
- Type: NDIR
- Range: 0 - 15%
- Response: (10-90%) <130 msec
- Resolution: ± 0.1%

External Interface
- TTL Heartrate
- USB Printer
- USB Mouse
- Keyboard
- USB Bike/Treadmill

Options
- Gas Calibration
- Cart
- Printer
- Ergometer



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