MedGraphics

Distributed by DATALINK Systems & Technologies

ULTIMA™ CCM

Changing the Rules for Nutritional Assessment

The Ultima CCM provides real solutions for:

- Bias Flow
- Pressure Support
- Fluctuating FiO_2
- ICU Bedside Access

The revolutionary Ultima CCM provides a simple and easy patient interface to make metabolic measurements directly at the patient connection. The system includes a new REE variable calculated using only CO_2, allowing REE measurements to be made at any FiO_2 level. With a compact size and ease of mobility, the Ultima CCM offers easy access in otherwise crowded ICU rooms.

Clinical Benefits

- Assesses outcomes of critically ill patients to provide cost effective health care delivery.
- Optimizes nutritional needs of thermal injury and trauma patients.
- Carefully monitors patients with metabolic and eating disorders.
- Cost-effective management of mechanically ventilated patients reduces the number of vent days and time spent in the ICU.
- Monitors hemodynamic profiles using the Direct Fick CO in the ICU or Cath Lab.

BREEZESUITE Software

BREEZESUITE comprehensive software package comes with integrated features to enable custom configurations and future expandability. The open architecture database to provide instant data access and robust network connectivity. Helpful coaching features walk the user through simple steps for system calibration and patient testing. BREEZESUITE allows you to design custom reports and configurations, using Report and Script Designer features. Physician Review Station features full trending of all variables for enhanced patient management. BREEZESUITE is compatible with Windows 2000™ and XP Professional™.

Specifications:

Innovative Technology

- Direct Connect preVent Pneumotach provides True Breath-by-Breath measurement under all testing conditions
- Patented Breath-by-Breath analysis and rapid response O_2 and CO_2 analyzers.
- Lightweight (26 gm/<1 oz.) preVent pneumotach exceeds ATS/ERS performance standards

Flow Device

- Bi-directional Pitot Tube Pneumotach
- Patent Number: #5,038,773 & #5,119,825
- Range: ± 18 L/sec
- Accuracy: ± 3% or 50 ml, whichever is greater (meets or exceeds ATS/ERS clinical performance standards)
- Resolution: 8.64 ml/sec
- Deadspace: 39 ml

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
- Deadspace: 14 ml

All specifications are subject to change without notice. Products may vary from those illustrated. Please contact your Medical Graphics representative for the latest information, pricing and product availability.

Software Options

- Spirometry
- Bronchial Provocation
- Database Query
- Multi-User Networking

O_2 Analysis

- Patent Number 4,995,256
- Type: Zirconia
- Range: 0 - 100%
- Response: (10-90%) <80 msec
- Accuracy: ± 0.03%

CO_2 Analysis

- Type: NDIR
- Range: 0-10%
- Response: (10-90%)<130msec
- Accuracy: ± 0.05%

Size (Base)

- Height: 36 cm (14”)
- Width: 33 cm (13”)
- Depth: 36 cm (14”)
- Weight: 12 kgs (26.5 lbs)

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.

Power Requirements

- 100-240V/50-60Hz

Distributed by :

DATALINK
Systems & Technologies

725 Rue Louis Lepine
34 000 Montpellier France
+33 (0) 954 124 010 Tél/Fax +33 (0) 467 224 010 - www .datalink.fr