



**PRESENTS:**

**THE DIGITAL MONITRON® II WAVE FORM ANALYZER  
MODEL F0007-1  
A STAND ALONE EDUCATIONAL MONITOR FOR  
VOLUMETRIC DIFFUSIVE RESPIRATION (VDR®)**



**GENERAL SPECIFICATIONS FOR THE PERCUSSIONNAIRE®  
MONITRON® II WAVE FORM ANALYZER**

The Monitron II is a digitalized version of the analog Monitron I “Educational Wave Formater™” to accessorially and independently monitor the programming of all Percussionnaire Intrapulmonary Percussive Ventilators, IPV® VDR® and TXP®.

The diffusive/convective wave format is presented on a screen, with selectable Sweep Speed as well as Pressure Rise Scales. Proximal Airway Pressures and Time Phasing Constants for both Convective as well as Diffusive Percussive Ventilation are Digitally presented.

Sustained Pressure Rise and Pressure Drop alarming, can be programmed against deviation from selection. This is an excellent educational device.

### GENERAL OPERATIONAL SPECIFICATIONS

1. The Monitron II Model # F00007A Wave Form Analyzer is based upon Digital PC computer logic, employing internal conversion of standard line voltages either 115/50 or 220/50. \* Specify Voltage and Specific Geographical Plug for connection to existing mains.
2. The standard Monitron Housings are designed to Interlock with the VDR4® Ventilators, providing for easy straight on viewing.
3. The Monitron® II Computer Screen provides for both Wave Form Presentations and combined Digital functional read outs.
4. While the Monitron II has no influence over the Operation of the VDR-4 Ventilator, a special Interface Harness interconnects the Monitron II to the Accessory Monitoring Ports of the VDR-4 Servolator® Ventilator. (A failure of the Monitron II has no influence upon the independent Ventilator to which it is connected.)
5. The Monitron II has three (3) selectable Proximal Airway Monitoring Pressure Scales, they are: 30, 60 and 120 cm H2O.
6. The Monitron® has four (4) Sweep Speed Scales, 1, 2, 5 and 8 seconds, for full horizontal page updating.
7. The Monitron® independently reads the "CONVECTIVE" rate of Volumetric Tidal Exchange and the "PERCUSSIVE" Sub Tidal Volume Delivery Rate, as well as:
  - a) I/E and i/e Ratios.
  - b) Convective Inspiratory and Expiratory Interval Time, in Seconds.
  - c) Mean and Peak Pressure Rise in cm H2O.
  - d) PEEP and/or CPAP in cm H2O.
  - e) PRIMARY WAVE FORMAT and/or DIGITAL DISPLAY mode selection.

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