

# TRENDS AND TECHNOLOGY

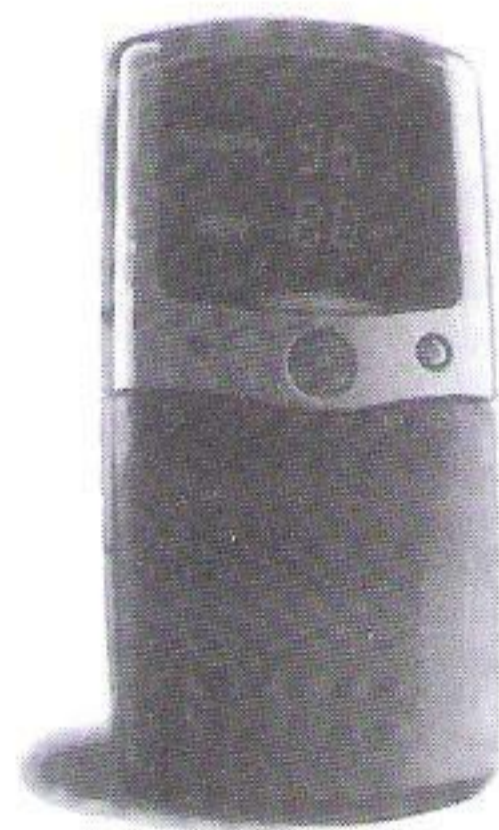
## AGILENT TREND CARE CONTINUOUS BLOOD GAS MONITOR

Agilent Trendcare System is a continuous blood gas monitor for adult, paediatric, and neonatal intensive care and surgical patients. By supplying continuous blood gas information, this system enables care-givers to manage and focus on their critically ill patients. In vivo fiber optic sensors in this system measure the pH, PCO<sub>2</sub>, PO<sub>2</sub>, and temperature. Bicarbonate, base excess, and oxygen saturation can also be measured by this system. Historical records are retained over a 24-hour period.



Supplier: Agilent Technologies, Hong Kong

## PALMSAT TM 2500



Nonin Medical, Inc. has introduced the newest addition to its digital pulse oximeter line - the PalmSAT TM 2500. Lightweight and versatile, the PalmSAT is designed to assess blood oxygen saturation and pulse rate in a variety of settings, including hospital and emergency rooms, as well as during transport and overnight sleep screening. Its compact (7.4-oz) size and simple, two-button operation make it convenient and easy to use. The powerful memory provides

up to 72 hours of data storage.

Supplier: Nonin Medical, Inc., U.S.A.

## SENSORS, MONITORS AND RESPIRATORY CONSUMABLES

EnviteC now offers compact, durable and easy to operate oxygen monitors. Either with or without alarms all monitors provide highest quality at affordable costs. The monitors are easy to calibrate and are powered by disposable batteries that allow operation for more than 24-hours.



Supplier: TS Ltd., ENVITEC ASIA, Hong Kong

## HAND-HELD CAPNOCHECK-II

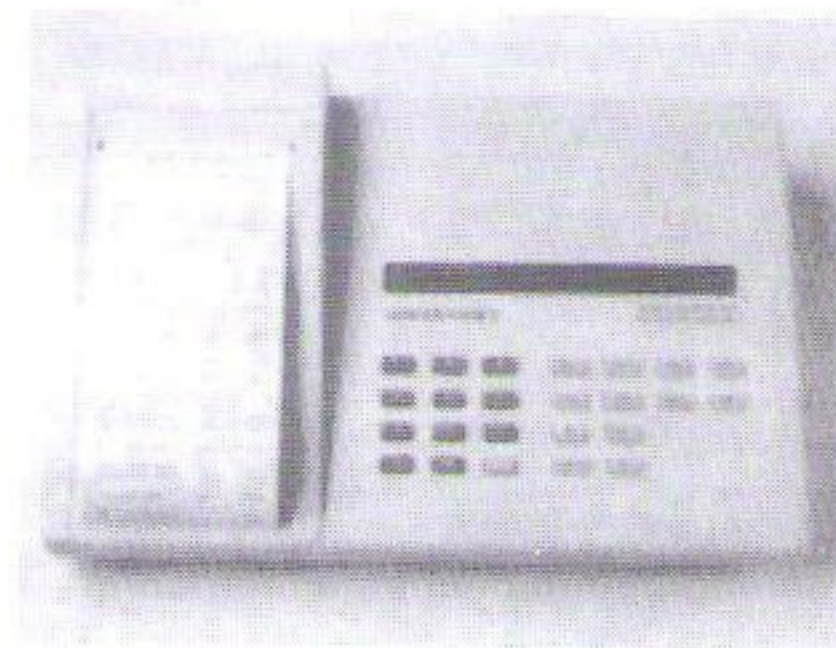
Capnocheck II handheld CO<sub>2</sub>/SpO<sub>2</sub> monitor provides measurements of end tidal CO<sub>2</sub>, respiratory rate, SpO<sub>2</sub> and pulse rate with N<sub>2</sub>O compensation for patients, paediatric to adult. This monitor has a LCD backlit display with on-screen trending and high-low alarm limits for all the parameters mentioned.



Supplier: SIMS BCI, Inc., Wisconsin, USA

## PORTABLE NUTRITION AND HYDRATION ANALYZER

Biodynamics Nutrition and Hydration Analyzer BIA-450 is a non-invasive tool that has a precision AC ohmmeter that accurately measures bioimpedance. In addition, it provides estimates of body cell mass, intracellular and extracellular water, lean mass, and basal metabolic rate. It is portable weighing four pounds.

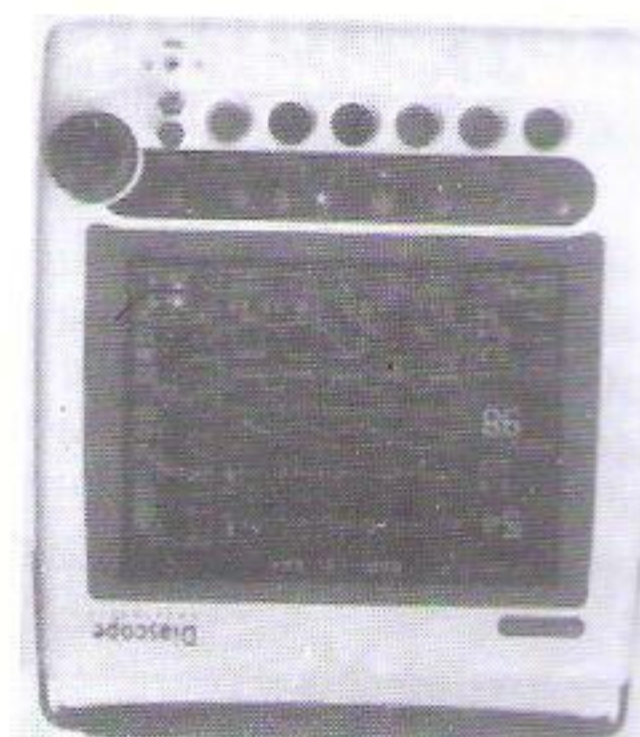


Supplier:

Biodynamics Corp: Washington, USA

## DIASCOPE ANAESTHETIC AND HAEMODYNAMIC MONITOR

Diascope Anaesthetic monitor offers quick display selection among pre-configured parameter combinations to swiftly adapt to individual procedures or situations, from non-invasive to medium complex invasive surgery. This device supports neonatal anaesthesia. It is capable of full gas monitoring (O<sub>2</sub>, N<sub>2</sub>O, CO<sub>2</sub>, and 5 anaesthetic agents) with MAC read out for easy depth-of-anaesthesia estimation. The monitor also features haemodynamic parameters, such as 2-channel diathermy, protected ECG with ST-segment analysis and VF alarm, ECG cascading impedance pneumography with lead selection, NIBP, SpO<sub>2</sub>, temperature (2), and invasive pressure (2). Instant gas short-trends and Smart Alarm settings are also available.



Supplier: Artema Monitoring and Emergency Care A/S