

BREATH-ALERT

Y1090 BREATH-ALERT™ MK4 MONITOR
 The Breath-Alert™ Mk4 respiratory monitor is a simple yet sensitive and reliable device for monitoring breathing. A heat-sensitive sensor is placed in the breath pathway and detects each breath. If a breath does not take place within a selected time interval an alarm will sound. This monitor takes 4 x rechargeable AA NiMH batteries (do not use Alkaline AA batteries as this will damage the electric circuit).



Y1090

Y1089/I REPLACEMENT SENSOR

Elbow connectors available on request.

CARDELL®

CARDELL® MONITORS: TECHNOLOGY EXPLAINED

Cardell®: the best technologies for the most reliable readings.

Reliable Blood Pressure Readings with Cardell® BP Technology
 Cardell® BP technology has earned a reputation for providing reliable readings from kittens to horses because of the special algorithms developed for animals. Cardell® BP units are the leading veterinary BP monitor and are now used worldwide. Besides helping detect and manage hypotension during surgery, and assess anaesthetic depth, you can use it to find, assess and treat primary or secondary hypertension. And then it can assess results of drug and/or diet therapy for hypertension.



Y1089/I

Other aspects of the blood pressure component:

- ✓ Provides systolic, diastolic, mean arterial pressure in about 20 seconds...hands free.
- ✓ STAT mode provides continuous readings for five minutes with 10 second pause between.
- ✓ AUTO mode lets you set the monitor to automatically take a pressure every minute, two minutes, three minutes, etc.
- ✓ Pulse rate range from 20-300 beats/min.

Nellcor's All-digital OxiMax® Pulse Oximetry

Nellcor's all-digital OxiMax® technology provides the most accurate SpO₂ readings available. This special technology gives you SpO₂ values even in low perfusion and during patient motion, and when you need it most - when your patient is in trouble!

Oridion® Microstream® CO₂ Technology Offers Accuracy in Small Patients

To ensure the accuracy of the CO₂ readings, the world leader in capnography technology was selected — Oridion®. Microstream® filterlines are used at the very low sample rate of 50ml/min (to eliminate problems associated with monitoring CO₂ in animals with small lung volumes). No moisture trap is necessary (the 50 ml/min sample flow rate, along with the filter, also reduces the potential moisture problems in the sample line).

Diagnostic Quality ECG

The ECG function can be accomplished with 3 leads or 5 leads — your choice, and it has 5 gain size selections, freeze trace and variable lead trace waveform selection.

Temperature & Respiration

Core body temperature measurements are available through an oesophageal/rectal probe. A second temperature connection is also available. Alarms may be set for each temperature channel.

Respiration is derived from the CO₂ line. Alarms can be set.

Full technical data sheets on all Cardell® monitors can be downloaded at www.midmark.com

CARDELL® MANUFACTURING WARRANTY AGAINST DEFECTS

- Monitor: 2 years from date of purchase.
- Battery: 1 year from date of purchase.
- Sensors: 6 months from date of purchase.

CARDELL® PREVENTATIVE MAINTENANCE PROGRAMME

Cardell® 2-Year Preventative Maintenance Programme information is detailed at the back of this catalogue (see page 138).

CARDELL® 9400 SERIES

A compact, durable workhorse for the space conscious practice, the 9400 series monitors are lightweight and fit on the palm of your hand. Their no-nonsense interface makes them easy to use, and they're designed to fit anywhere you need them: on a narrow shelf, hanging on a cage or IV stand, or in a carry bag for ultimate mobility.

Y1095 CARDELL® 9401 MONITOR (BP)

Features:

- ✓ Provides systolic, diastolic, mean arterial pressure and heart rate in seconds.
- ✓ Screening mode produces average after every 5 readings.
- ✓ Pulse rate range from 20-300 beats/min.
- ✓ Set auto measurement from 1-90 minutes.
- ✓ AC or rechargeable battery (4 hours).
- ✓ High and low alarm setting for all parameters.
- ✓ Message window displays system alarms and trouble-shooting messages.
- ✓ 12 cuffs in 6 different sizes included.



Y1095

Y1094 CARDELL® 9402 MONITOR (BP + SpO₂)

Contains all 9401 features plus:

- ✓ Nellcor all-digital OxiMax® SpO₂ technology.
- ✓ Includes lingual SpO₂ sensor.



Y1094

CARDELL® 9400 SERIES PRINTER

(Available on request)

The 9400 Series Printer is a small, lightweight mobile printer that brings functionality and convenience to the Cardell® line of veterinary monitors.

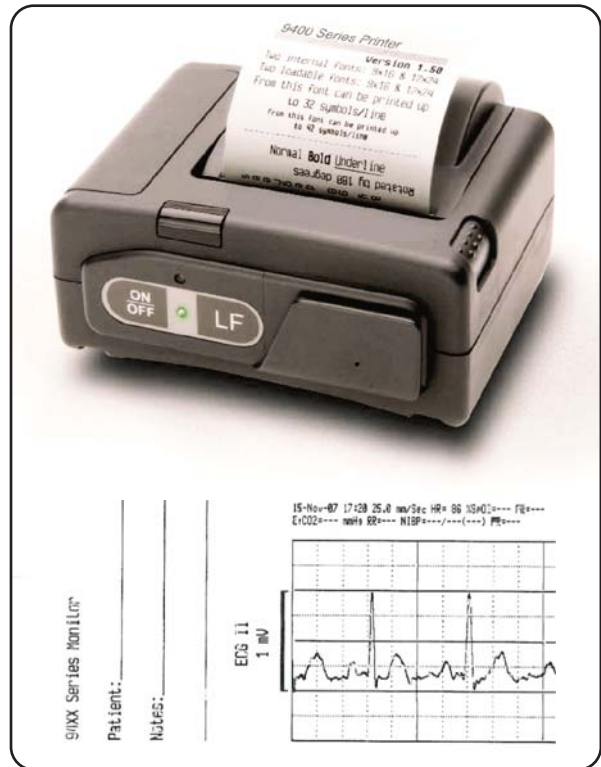
Printing at 50mm/sec, it can afford maximum wireless freedom through an optional infrared (IrDA) interface wireless technology. Weighing under 340g, the 9400 Series Printer utilizes a long-life lithium-ion battery that supplies up to 40,000 lines of 8 dots/mm (203dpi) thermal printing on a single charge.

It can be mounted directly to the Cardell® monitor or optional rolling stand and will print tabular history or up to 3 trace waveforms.

Boasting (an optional) wireless capability, long battery life and dimensions that fit perfectly, the 9400 Series Printer satisfies the anytime, anywhere demands of today's veterinary practice.

ROLLING STAND

Available on Request



CARDELL® 9400 SERIES PRINTER
(with sample print-out)



ROLLING STAND

CARDELL[®] TOUCH

(BP + SpO₂ + ECG + CO₂ + NIBP + RESPIRATION + TEMPERATURE)

The Cardell[®] Touch is highly advanced, yet easy to use. With veterinary-specific algorithms and exclusive Cardell[®] Blood Pressure Technology, the Touch is the latest innovation.

Features:

- ✓ High definition 26.67cm (10,5") touch screen makes patient set-up faster and easier. The buttons below the screen can be used as well if preferred.
- ✓ Redesigned menus and improved controls allow for intuitive navigation.
- ✓ Smaller, lighter form factor allows for easy transportation without sacrificing visibility.
- ✓ Cardell[®] BP, Nellcor[™] SpO₂, and upgrade to Co₂ monitoring at any time by adding a Respiration sidestream or mainstream Co₂ module.
- ✓ Phasein Multigas available.
- ✓ Enhanced ECG data export capabilities.
- ✓ USB port for downloading patient data.
- ✓ Customisable alarm settings for up to three users.
- ✓ Optional integrated 3-channel graphical printer.
- ✓ 2-year warranty.

Y1099/T Cardell[®] Touch Multiparameter Monitor (for normal BP)
Includes : monitor, 13 BP Cuffs (7 sizes), 6' inflation hose, nellcor lingual SpO₂ sensor w/10' cable, 3-lead ECG set w/cable, temp, probe, 1 rechargeable battery, power cord, 4 paper rolls, manual.



CARDELL[®] Touch



CARDEL[®] Touch

SECTION L – MONITORING EQUIPMENT

Y1099/TIBP Cardell® Touch multiparameter monitor for normal and invasive BP
 Includes : monitor, 13 BP Cuffs (7 sizes), 6' inflation hose, nellcor lingual SpO₂ sensor w/10' cable, 3-lead ECG set w/cable, temp, probe, 1 rechargeable battery, power cord, 4 paper rolls, manual. Includes same accessory items as 8013-001 plus invasive blood pressure transducer kit and IBP cable.



Y1096/11



Y1096/12

Y1096/11 CO₂ Options for Cardell® Touch
 Y1096/12 LoFlo Sidestream CO₂ Module
 C - STAT5 Capnostat Mainstream CO₂ probe

CARDELL® ACCESSORIES & SPARE PARTS

BP CUFFS

Y1096/-

- 3 BP cuffs: 2cm (SV1)
- 4 BP cuffs: 2,5cm (SV2)
- 5 BP cuffs: 3,5cm (SV3)
- 6 BP cuffs: 4cm (SV4)
- 7 BP cuffs: 5cm (SV5)
- 8 BP cuffs: 8cm (SV8)
- 9 BP cuffs: 10cm (SV10)

Large animal cuffs available on request



Y1096/3-Y1096/9

SENSORS

Y1096/-

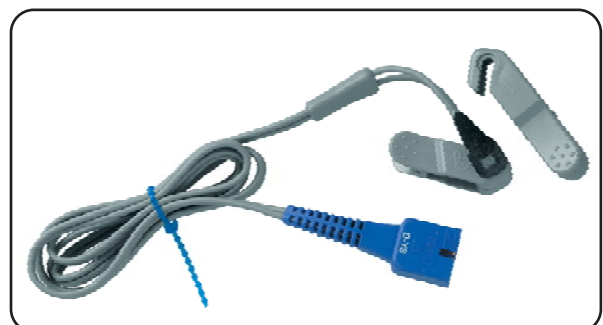
- 1 Temperature cable + probe
- 2 Reflectance sensor
- 10 Vetsat lingual sensor (for Nellcor® technology)



Y1096/1



Y1096/2



Y1096/10