



Pacific Medical Catalogue

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ECG & HOLTER

QRS UNIVERSAL SMART ECG



QRS UNIVERSAL SMART ECG

The Universal Smart ECG turns an off the shelf computer into a fully functioning ECG machine. Connect the Universal Smart ECG to a Personal Computer, laptop or tablet to acquire, store and analyse up to 12-channels of high-resolution ECG data. Perform resting ECG anytime, anywhere, with unparalleled ease-of-use and integration with the Best Practice & Medical director EMR systems.

Features:

- PC based device
- Best Practice & Medical Director compatible
- Narrative interpretation
- Easy & customisable reports
- Lightweight
- Compact & transportable
- Compatible with the powerful Vectraplex ECG software (purchased separately) providing Cardiac Electrical Biomarker CEB® and a derived 12-15 lead ECG with just 5 electrodes

Specification:

- Safety Standards: AAMI, EC53, IEC/EN60601-1, IEC/EN60601-1-2, IEC/EN 60601-2-25
- Patient Leads Length: Limb - 1M, Chest 0.6M
- Gain Sensitivity: 5, 10, 20mm/mV
- Input Range: +-6mV
- Defibrillator Protection: Patient leads isolated from system & operator with 4kV protection
- Frequency Response: 0.05 to 175Hz +-3dB
- Electrode Connections: 4mm banana plug with tab or snap connectors
- Dimensions: 85x91x20mm
- Weight: 250-335 gm depending on cables
- Operating Conditions: 10-35 degrees celsius, <85% humidity (non condensing)
- Kit Inclusions: Universal Smart ECG, QRS Resting ECG Tab Electrodes PK100, Sure-Lock snap & tab electrode adaptors PK10, Lead Placement Guide, Office Medic Software
- Warranty: 3 Years
- Included Software Updates & Support: 3 Years

**ORDER CODES:
VECZ70000500**

MAINTENANCE: Please make sure your ECG is serviced & calibration check is completed yearly to ensure it functions to its optimum.

[Click For More Information](#)

VECTRAPLEX ECG SOFTWARE

VectraplexECG (VECG) provides the Cardiac Electrical Biomarker, CEB®, a technology to detect ECG changes suggestive of acute ischemic injury, including AMI . Providing a powerful diagnostic test right in your ECG machine VectraplexECG can derive a 12 to 15-lead ECG report with just 5 electrodes.



Features:

Non-Invasive

Provides a powerful diagnostic tool right in your ECG

Best Practice & Medical Director EMR compatible

Detects changes suggestive of acute ischemic injury including AMI

Derives a 15-22 lead ECG report

Attach only 5 electrodes (V2 & limbs) saving clinician time

Utilise your existing QRS Universal Smart ECG hardware

Derives a Cardiac Electrical Biomarker CEB® number

The CEB® is our smartest ECG technology! It can detect ECG changes suggestive of a heart attack. Put simply, it is a color coded index number that measures the degree of di-polarity of the cardiac electrical field. The cardiac electrical field of a healthy patient is primarily di-polar¹, while occurrence of myocardial injury leads to the appearance of a multi polar cardiac electrical field². A CEB® greater than 94 indicates an abnormal condition and further clinical assessment is necessary.

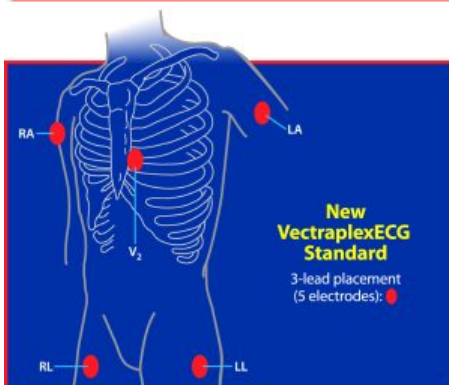
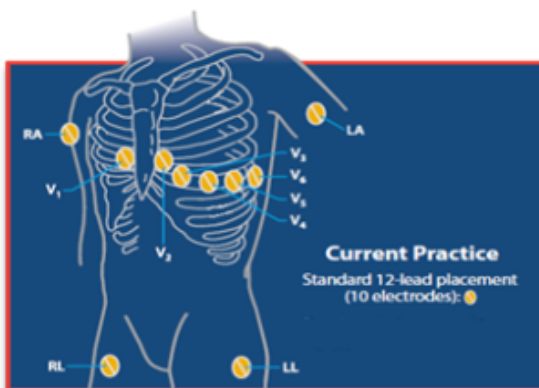
What the CEB® number means:

CEB:	65 or below	→ Normal Condition
Displayed in:	Green	
CEB:	Between 66 and 94	→ Caution Zone
Displayed in:	Orange	
CEB:	95 or greater	→ Abnormal Condition*
Displayed in:	Red and Blinking Audible Alarm	

* Patient may be developing an acute myocardial infarction and requires clinical assessment - attach additional 5 electrodes for a 12-lead ECG (using all 10 electrodes).

ONLY 5-ELECTRODES (V2 AND LIMBS)

Derives 15 to 22-lead ECG



ORDER CODES:
VECV100002

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VECTRACOR HOLTER



VECTRACOR V300 HOLTER

The compact and versatile V300 Holter Monitor provides 3 channel, 24 hour to 7 day recording capability. They provide complete support for paediatric through adult applications including pacemaker detection. The V300 Holter Monitors provide superior performance and come with a two year warranty. V300 Holter monitors can be combined with our Silver, Gold or Platinum Holter analysis software to form a complete and comprehensive Holter monitoring system that is both powerful & easy to use.

Features:

- Compact and durable design
- Easy to use software
- 3 channel, 5 lead cable
- Up to 7 day holter
- Continuous recording - full disclosure
- Pacemaker detection
- Multiple software solutions - Silver, Gold & Platinum

Specification:

- Leads: 5
- Resolution: 12 bit, stored at 8-bit MSB
- Sample Rate: 24000 sps per channel oversampling, stored at 256 sps
- Frequency Response: 0.05- Hz (3dB)
- Gain Settings: 0.25, 0.5, 1, 2 & 4 x
- Signal Verification: LCD display, ECG waveform during hookup
- Pacemaker Detection: concurrent pacemaker detection on all channels, Programmable on/off
- Defibrillator Protection: None, must be removed before defibrillation
- User Operation: 5 button keypad + event button
- Data Transfer: Direct USB connection
- Dimensions: 64.8x50.8x12.7mm
- Power Source: 1 X AAA alkaline or 1.5v lithium battery
- Battery Life: Up to 4 days for alkaline & 7 days for lithium
- Weight: 41 gm with battery
- Operating Conditions: 5-45 degrees celsius, 10-95% humidity (non condensing), 70Kpa to 106Kpa atmospheric temp
- Kit Inclusions: Universal Smart ECG, QRS Resting ECG Tab Electrodes PK100, Sure-Lock snap & tab electrode adaptors PK10, Lead Placement Guide, Office Medic Software
- Warranty: 2 Years

ORDER CODES:

VECZ702008

MAINTENANCE: Please make sure your ECG is serviced & calibration check is completed yearly to ensure it functions to its optimum.

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