

# VitaLogik 5000 Series

## *The Logical Solution for Bedside Patient Monitoring*

The VitaLogik bedside patient monitoring system is designed to be user configurable to meet a range of monitoring applications and needs of a wide range of patient environments. It is available in two versions: invasive VitaLogik 5500, and non invasive VitaLogik 5000. VitaLogik offers a precise and reliable solution for critical care monitoring.

This state of the art system is easily configurable to meet the specific requirements of patients, including Adult, Pediatric and Neonatal. VitaLogik offers tailored customisation for each individual unit, its user-friendly interface permits simple and effective monitoring and data streamlining, providing intuitive access to valuable real-time clinical information. In addition, its strategic technology platform offers unrivalled storage for long-term access to patient data.



### Benefits

**Ease of Use:** Intuitive operation and functionality, with various preset and configured monitoring profiles, user friendly interface design, large sized fonts and a special "big numbers" display with a full color display presentation and an option for touch screen operation.

**Flexibility:** Modular settings and editable menus, easily adapted to a wide variety of patient environments with differing requirements.

**Clinical Added Value:** Maximal simultaneous parameter presentation, including 12 leads ECG, numeric and graphical of Charts and Trends.

**Cost Efficiency:** Low maintenance and spare parts costs, minimizing total life cost.

**Barcode (optional):** Standard barcode input, enabling quick access to individual patient's data and easy patient identification, increasing reliability and safety while saving valuable medical staff time.

### Product Highlights

Two versions: Invasive / Non invasive

Full connectivity with CKL's products and other medical IT systems

Full patient customisation

User-friendly, intuitive interface including easy access "Quick keys"

Standard communication protocols and long term patient data archiving capabilities

PC platform: Easy to use, upgradeable, low costs and minimal down time

## Clinical Features

### Parameters:

- 3 / 5 / 6 / 12 lead ECG
- Respiration
- NIBP
- SpO<sub>2</sub>: Masimo or Nellcor technology
- Temperature
- EtCO<sub>2</sub> Microstream
- 2 Invasive BP (expandable to 4)
- Cardiac Output / 2 temperatures
- Serial RS 232 input for interface to external devices

**Full Disclosure:** Retrieval of all ECG leads in full resolution, permits the viewing of all arrhythmias throughout entire monitoring period.

**Event Strips:** Up to 75 automatic or user identified labeled event strips of all current waveforms and alarms.

**Graphic Trend:** Trend panel presentation of graphic trends, including up to eight vital signs with resolution of up to one minute.

**Numerical Chart:** User-defined tabular views of vital signs displayed at up to one minute resolution, including alarms and event marking.

**Full 12 lead ECG Lead Display:** Simultaneous display of all ECG leads, automatically reverts to normal display after a specified time out.

**Arrhythmia Analysis:** Available as Basic or Extended analysis of continuous ECG waveform analysis. Derived from dual lead QRS algorithm the events are displayed in numerical chart in addition to real time alarms.

**ST All-Lead Analysis:** Simultaneous and continuous ST analysis of all ECG leads with ST alarm.

**ST Watch:** Review of ST data as a long-term graphical display, presenting ST variation over time. Snap Shot display of QRS at specific times allows morphology comparisons to be made over the patient stay.

**HRV:** Calculates heart rate variability changes within a given time as a histogram report.

**Drug Titration and Calculation:** Drug concentrate, infusion rate and injection quantity calculations. All calculations are included in charts and linked to full disclosure, overview and trends.