TRIVITRON
HEALTHCARE
speaking your language

WHEN **SECONDS**
COME **FIRST...**

ABOUT TRIVITRON

By combining innovation with affordability and accessibility, Trivitron is a leading healthcare technology & medical devices enterprise that has been operating for more than two decades to improve health and medical care throughout the world, like no one else. At Trivitron, quality healthcare is considered as a fundamental right of people and pledge to make top-notch, cutting edge healthcare technology available for people of all classes.

Trivitron lay great emphasis on research and development. Our team includes internationally acclaimed experts and leading scientists who innovate unprecedented health technologies suitable for healthcare needs of today and tomorrow.

Trivitron provide technological advancements to hospitals, individual healthcare providers, independent clinics, extended care facilities and laboratories, catering to healthcare needs in multiple verticals like –

100,000+ INSTALLATIONS | OVER 1,500 EMPLOYEES | 1,200+ CHANNEL PARTNERS | CLIENTS ACROSS 180 COUNTRIES | 15 US-FDA and/or CE CERTIFIED MANUFACTURING FACILITIES

Medical Imaging Solutions

In-Vitro Diagnostics (IVD)

Covid-19 Detection & Cure Portfolio

Radiation Protection Products

Newborn screening (NBS)

Critical Care & ICU Solutions

Through a growing network of 1,500+ employees, 1,200+ channel partners and 15 world-class manufacturing units in India, USA, Finland, Turkey & China, Trivitron Healthcare is reaffirming its commitment to offer superior health technologies in 180+ countries saving lives and improving care and have been serving 100,000+ healthcare institutions across the world.

By simplifying and expanding our business, Trivitron is rapidly moving to establish themselves as a global leader in medical technology. Trivitron is committed to build a sustainable business that delivers value by offering best available health technology solutions for millions of people worldwide.

100,000+ Installations

Over 1,500 Employees

15 Manufacturing Facilities

1,200 Channel Partners

Client Across 180+ Countries

GLOBAL MANUFACTURING FACILITIES

With 15 manufacturing facilities, Trivitron occupies an enviable position in the healthcare industry by producing a wide range of equipment, laboratory reagents, diagnostic kits and even protective apparel for radiology departments. the products are used in health care setups and hospitals across the world.

CE / US FDA certified Kiran Medical Systems at Mumbai facility manufactures and exports Radiology accessories, components & Radiation Protection Products.

AERB approved manufacturing facility at Kiran Mumbai & Pune manufactures and exports imaging products like X-Ray, C-Arm & Mammography to various countries.

CE/JGMP certified ATMT manufactures and exports over 1000 Ultrasound Machines every year.

Biosystems & Trivitron joint venture facility located at TMTP manufactures & exports a wide range of Biochemistry Reagents.

Andhra Pradesh MedTech Zone Ltd
Ultra Modern Medical Equipment Manufacturing & Testing Facilities

Labsystems Diagnostics facility in Finland manufactures and exports CE certified Newborn Screening and Diagnostics kits for Gastro, Cardiac Panel and Infectious Diseases.

CE Certified manufacturing facility in Chennai inaugurated by the Honorable Prime Minister of India, Shri. Narendra Modi and Prime Minister of Finland, Mr. Juha Sipilä manufactures and exports a wide range of IVD products.

Bome Sanayi Urunleri Dis Tic A.S. at Turkey is involved in research and development of newborn screening tests, hematology solutions, clinical reagents and Quality Control Materials.

CE certified manufacturing facility exports products like ECG Machines, ICU Ventilators, Patient Monitors and Defibrillators.

CE certified Trivitron facility manufactures and exports Operating Room products like Ultraclean Modular OT, Pendants, Bed Head Units, etc.

CONTENTS

VENTILATOR

MTV1000

Multi-Purpose ICU Ventilator

"Extreme flexibility without compromising places and quality of care with ease"

Multi Purpose, Compact

MTV1000 Offer innovated convenience Unique technology with high performance Affordable and Reliable Ventilators with Compliance to International Quality Standards

> Multi Purpose Ventilator (Ambulance, ER, ICU)

> 7" Color TFT, Touch Screen & Knob

> Built in Ultra Quite Turbine Technology

> 3 Hours Battery Backup as Standard Feature

> High pressure Oxygen and Low Flow Oxygen

> NIV /Mask ON/OFF in All Modes

> Proximal Pressure Monitoring

> High Flow

Modes : PACV, PSIMV,VACV, VSIMV, SPONT+PS/CPAP, Auto, PRVC ,Smart Apnea Back up

Optional* : SpO2 / ETCO2, Proximal Pressure Monitoring, Nebulizer
with Additional Battery : Over 6 hours Back up

Inspiration® 7*i* Ventilator
Flagship Configuration

eVent Medical

> Applications: Neonate through adult (2ml Tidal Volume)
> NIV in all Modes
> Auto Control for easy Weaning
> 3 Waveform and 3 Loops
> Recruitment Maneuver, Tube Compensation, SBT and Suction Support
> Smart Nebulizer with User selectable duration and Interval
> High performance PSOL and active exhalation
> 72 Hours Graphical and Tabular Trend for 31 Parameters
> Capnography ready
> Outstanding Heliox Management
> Optional : Remote Viewing System with CLININET™ HL7 GATEWAY™

• The Inspiration Ventilators are highly versatile and designed with the clinician in mind

CE CERTIFIED   FDA APPROVED

eVolution® 3e Ventilators

> 2ml Tidal Volume

> Applications : Adult through Neonate

> Easy to use with 12.1" Large Display touch screen user interface

> NIV in all Modes

> Auto Control for easy Weaning

> Smart Nebulizer with User selectable duration and Interval

> High performance PSOL and active exhalation

> 72 Hours Graphical and Tabular Trend for 31 Parameters

> Optional: Volumetric Capnography Monitoring

> Optional : Remote Viewing System with CLININET™ HL7 GATEWAY™

Available in Two Variants: External Compressor based / Built In Turbine based Technology

eVent Medical

• The eVolution 3e Ventilators are new paradigm shift in ventilator design.

HFNC

ECVENT HFO

High Flow Oxygen Therapy

> Advanced humidity control with minimum condensation

> Proprietary anti-cross infection design without extra work on disinfection

> High flow (2-80 LPM)

> Accurate flow control (< 0.5 LPM)

> Intuitive User Interface with Color LCD Touch Screen

> Full range patient interface (Nasal Cannula, Nasal Mask, Full face Mask & Tracheostomy Interface)

POINT-OF-CARE ULTRASOUND

wisonic

Navi

Trivitron launches a Premium Point-of-Care Ultrasound Solution with the cutting -edgetechnology for precise navigation improving quality of care and patient safety during crictical care procedures. Focusing on every detail, Navi is designed to be indespensable as previously difficult tasks become routine with sight

> 19-inch full touch screen with liquid disinfection support
> Best in industry, 7 hrs battery backup
> Remote control probes
> Motorized height adjustment
> wiNeedle – Intelligent Needle Enhancement
> wiLearn – Education Center
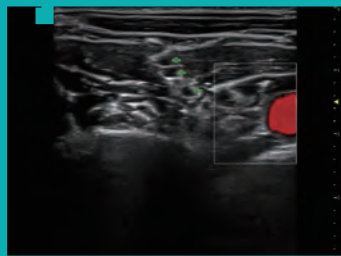
PATIENT MONITOR

*i*Vita12V

*i*Vita15V

- Standard Configuration : ECG, PR, SPO2, NIBP & Resp
- 12.1" high resolution TFT
- Suitable for Adult, Pediatric and Neonatal application
- Arrythmia / ST Segment Analysis
- Huge Storage / Trend data
- Connectivity with CNS
- Upgrades : Dual IBP, ETCO2 (Sidestream / meain stream)

- Standard Configuration : ECG, PR, SPO2, NIBP & Resp
- 15" LED Touch screen
- Battery: Rechargeable high-energy built-in battery
- Streamline design that is portable, compact and lightweight
- High end upgrades of BIS, AG, ICG, CO etc.
- Nurse Call System Connectivity
- Upgrades : Dual IBP, ETCO2 (Sidestream / meain stream)

*i*Vita K10

*i*Vita K12

| *i*Vita K10	*i*Vita K12
> Standard Configuration : ECG, PR, SPO2, NIBP & Resp	> Standard Configuration : ECG, PR, SPO2, NIBP & Resp
> 10.4" high resolution display Touch screen optional	> 12.1" high resolution display Touch screen optional
> Usercustomized NIBP measuring cyclesup to 5-phase	> 9 traces on-screen waveforms and maximal up to 13
> 9 traces on-screen waveforms and maximal up to 13	> Hl7 protocol and Bed to bed view
> Hl7 protocol, Bed to bed view and available	> Usercustomized NIBP measuring cyclesup to 5-phase
	> Upgrades : Dual IBP, ETCO2 (Sidestream / meain stream), Nellcor SpO2, SunTech NIBP, Cerebral State Monitoring, Central Monitor Station

iVita K15

iVita K12-M

iVita K15

- ❯ Standard Configuration : ECG, PR, SPO2, NIBP & Resp
- ❯ 15" high resolution display Touch screen optional
- ❯ 9 traces on-screen waveforms and maximal up to 13
- ❯ Hl7 protocol and Bed to bed view
- ❯ User customized NIBP measuring cycles up to 5-phase
- ❯ Upgrades : Dual IBP, ETCO2 (Sidestream / meain stream), Nellcor SpO2, SunTech NIBP, Cerebral State Monitoring, Central Monitor Station

iVita K12-M

- ❯ Standard Configuration : ECG, PR, SPO2, NIBP & Resp
- ❯ 12.1" High Resolution display
- ❯ Plug and play Modular design for on site upgrade
- ❯ Adult/Pediatric/Neonate measurement modes
- ❯ 2000 hrs of trends
- ❯ Upgrades : Dual IBP, ETCO2 (Sidestream / meain stream), Cerebral State Monitoring, Central Monitor Station

*i*Vita 12H

*i*Vita 10H
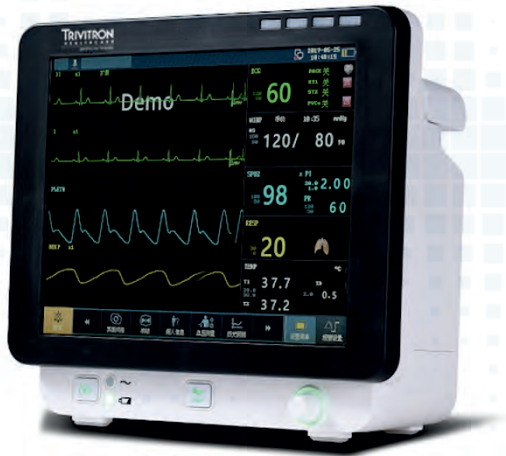
❯ Standard parameters:ECG, NIBP, RESP, PR, SpO2, TEMP

❯ Clear 12.1'' TFT screen with backlit buttons

❯ Ambulatory blood pressure technology, anti-movement

❯ 15 kinds of drug dose calculation

❯ Various languages operating systems

❯ 3 level Audible and visual alarming

❯ Standard parameters:ECG, NIBP, RESP, PR, SpO2, TEMP

❯ Clear 10.4'' TFT screen with backlit buttons

❯ Ambulatory blood pressure technology, anti-movement

❯ 15 kinds of drug dose calculation

❯ Various languages operating systems

❯ 3 level Audible and visual alarming

iVita 17H

iVita 15H

- Standard parameters:ECG, NIBP, RESP, PR, SpO2, TEMP
- 17" TFT LCD Screen
- Plug and play Modular design for on site upgrade
- 15 drug concentration analysis
- 96 hours graphic and tabular trends of all parameter
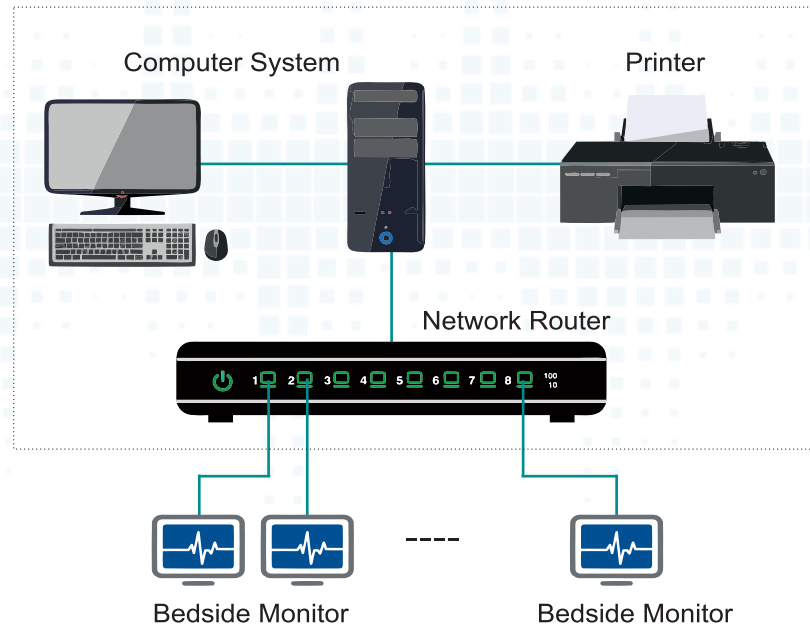- USB data storage and review

- Standard parameters:ECG, NIBP, RESP, PR, SpO2, TEMP
- 15" TFT LCD Screen
- Plug and play Modular design for on site upgrade
- 15 drug concentration analysis
- 96 hours graphic and tabular trends of all parameter
- USB data storage and review

*i*Vita O2 *Plus*

*i*Vita O2 *ft*

- ❯ Available In two varients- SpO2 and SpO2+NIBP

- ❯ 4.3" high resolution color TFT LCD display. Compact & portable in design, allowing for uninterrupted monitoring.

- ❯ Continuously real-time display SpO2, PR, SpO2 plethysmogram, bar graph, SpO2 and PR trend graph

- ❯ Adopting digital SpO2 technology which has strong anti-interference capability.

- ❯ Standard adult finger-clip probe, binding probe for neonatal patients is optional

- ❯ Applicable to adult, paediatric and neonatal patients.

- ❯ Universal display with convenient detection

- ❯ Measures blood oxygen saturation and pulse rate

- ❯ Anti-motion technology

- ❯ Reduced power consumption

Central Nursing System (CNS)

Computer System   Printer

Network Router

1 2 3 4 5 6 7 8 100
                              10

Bedside Monitor   Bedside Monitor

❯ Support any size of screen, single screen for monitoring 32 beds, and dual screen for monitoring 64 beds, maxmium 128 beds.

❯ Powerful anti-interference network signal.

❯ Pure central operating system, no software interference.

❯ Humanized operating interface, simple and clear.

❯ Comprehensive View of Patient Information

INFUSION & SYRINGE PUMP

Intrafuse⁺   # Intrafuse *Grand*

> Applicable for adult, Paediatrics and NICU (Neonatal).

> Anti-free-flow function to make infusion safer.

> Real-time display of infused volume / bolus rate / bolus volume / KVO rate.

> Change flow rate without stopping the pump.

> 4.3 inch color touch screen

> Electric door & electric anti-free flow clip

> History record more than 5000 logs

> 9 hours battery back-up time

> Ip24 waterproof

Flogard⁺

Flogard *Grand*

Flogard⁺	Flogard Grand
❯ 10, 20, 30, 50/60 ml Syringe Applications	❯ 2/3, 5, 10, 20, 30, 50/60 ml syringe application
❯ Drug library with the most used drugs	❯ Drug library with most used drugs
❯ History record review and last configuration memory	❯ 4.3 inch color touch screen
❯ Anti-bolus system	❯ History record more than 5000 logs
❯ Micro flow rate of 0.1ml/h and Body weight mode to satisfy the requirement for Neonatal / Paediatric	❯ 12 hours battery back⁻up time
	❯ Ip24 waterproof

Stackable
Workstation

> Free style stackable 2, 4, 6, 8 channel modular design

> Intelligent Infusion Relay Mode

> Information & alarm management

> Integrate with hospital HIS system

iBeat 3V *Pro*

ECG

> Simultaneous 12 leads ECG acquisition and display

> 7 inch 800x480 TFT color LCD

> Alpha-numeric keyboard

> Built-in 4G SD card, save up to 10,000 ECG reports in XML/PDF/BMP format (optional)

> Pacemaker detection

> Precise ECG auto-interpretation program

> USB Slave port can be connected to PC-ECG software (optional)

iBeat 12V *Grand*

iBeat 12V *Pro*

> Simultaneous 12 leads ECG acquisition and display

> Printing on 210 mm / 213 mm thermal paper
> (Roll or Z-fold)

> 10 inch 800x480 TFT color LCD

> Built-in 4G SD card, save up to 10,000 ECG reports in XML/PDF/BMP format (optional)

> Pacemaker detection

> Precise ECG auto-interpretation program

> USB Slave port can be connected to PC-ECG software (optional)

> 7" color LCD display with 12-lead simultaneous acquisition

> Printing on 210 mm / 213 mm thermal paper
> (Roll or Z-fold) or A4 size

> Quick acquisition and stability, waveforms get stable within 3s

> Cine-loop function: saved ECG waveform can be played back

> Support magnetic card reader, bar code scanner, transferring information conveniently

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BIPHASIC
DEFIBRILLATOR

iJiva Plus

iJiva AED

iJiva Plus

> Adult and Pediatric use with quick convert paddles

> Energy levels selection upto 360 joules with 7 sec charging time

> Builtin AED and thermal printer

> SPO2, ETCO2, NIBP and Pacer upgrade

> 65 hours of all parameter data storage

iJiva AED

> Three step defibrillation process

> Two button operation

> Extensive voice and visual prompt for the operator

> Biphasic energy output

> Lock-out protection to prevent inadvertent defibrillation

> PC-based event review (Optional)

ibaby 12x

FOETAL MONITOR

> High Resolution, 12" TFT color screen that folds upto 9_0 degrees

> Extensive Data Storage Memory with Playback and Print

> DSP Technology & Real-time identifying and measurement for FHR that provide accurate and reliable results

> Automatic Foetal Movement Detection and Accounting

ibaby 10x

- 10.2inch LED color display

- Flexible, Light Weigh, easy opertion

- 0 to 90 degree foldable screen

- Simultaneous maternal and fetel parameters display

- Data storage, Review and Print option

- Fetus wakeup option

- Parameter: FHR, TOCO, FM, Thermal Printer

- Options: Twins probe, ECG, SPO2, NIBP, Resp, Temp

ibaby 7x
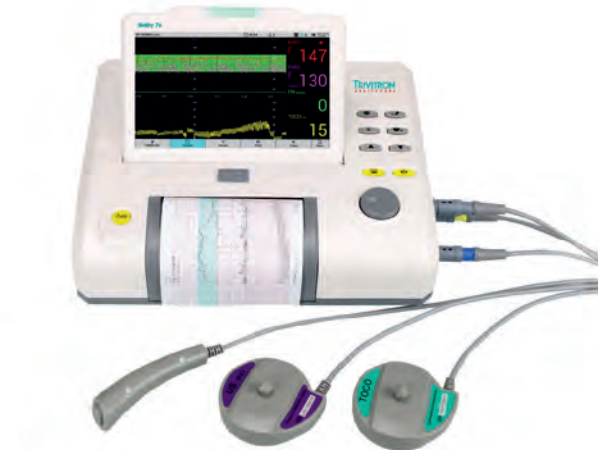
- High Resolution, 7" TFT color screen that folds upto 90 degrees

- Special High Sensitive Probe

- Extensive Data Storage Memory with Playback and Print

- DSP Technology & Real-time identifying and measurement for FHR that provide accurate and reliable results

- Automatic Foetal Movement Detection and Accounting

- CTG Scoring system: Krebs score/Fischer Score

SUCTION MACHINE

iVac 60

> Capacity: -730mmHg ± 10 at 55 ~ 60 LPM

> Overflow Protection: Mechanical Type

> Tubing: Non – Collapsible Suction Tubing

> Vacuum Gauge: 2.0 inch, 0-760 mmHg

> Filter: Bacterial Filter Autoclavable / Reusable

> Pump Type: Oil Free Twin Headed Piston Pump

iVac 40

> Capacity: -710mmHg ± 10 at 32 ~ 35 LPM

> Overflow Protection: Mechanical Type

> Tubing: Non – Collapsible Suction Tubing

> Vacuum Gauge: 3.0 inch, 0-760 mmHg

> Filter: Bacterial Filter Autoclavable / Reusable

> Pump Type: Oil Free Twin Headed Piston Pump

**ANESTHESIA
WORKSTATION**

V VENT 2000

> Modes: VCV, SIMV, Manual

> Adult and Pediatric application

> 10.1 inch screen

> Real-time detection for loops, Paw, BPM, VT and compliance

> Comprehensive monitoring capabilities include ventilation parameters monitoring, preset parameters, alarm indication and breathing waveform monitoring.

V VENT 3000

> Modes: VCV, A/C, PCV SIMV, Manual

> Adult and Pediatric application

> Tidal volume starting from 20 ml upto 1500 ml

> Adjustable PEEP 3 - 30 cmH2O, Off

> 10.1 inch screen with no dead space.

> Real-time detection for loops, Paw, BPM, VT and compliance

> Comprehensive monitoring capabilities include ventilation parameters monitoring, preset parameters, alarm indication and breathing waveform monitoring.

RENAL CARE

Hemodialysis Machine

> Single pump single needle (Click-clack)
> UF/Conductivity profile
> Level adjuster pump for chambers
> Kt/V calculation
> Concentrate nozzle rinse
> Blood pressure monitor
> Central concentrate supply
> Bicarbonate cartridge holder
> Network connection

Dialysers

> A Complete range of Low Flux Polyethersulfone Hollow Fiber Dialysers
> Excellent biocompatibility
> Stronger ability to remove toxins
> High clearance rate of the molecules with small molecular weight
> Better anticoagulant property

ANATOMAGE

Anatomage Virtual dissection table

ANATOMAGE TABLE Hailed as the world's first and only life-size virtual dissection table, the Anatomage Table opens indefinite possibilities for both education and healthcare industries, whether it's for medical research, training, or education. Containing real human cadavers, along with the physiology functionality, the Anatomage Table allows users to interact with not only medically accurate anatomy but also interactive physiology elements.:

- Four photo realistic cadavers
- Human anatomy/accurate gross anatomy
- Physiology simulation and pathway visualization
- Case Library with 1300+ 3D-rendered CT, MRI, and X-Ray Images
- Classroom, course, and lab integration
- The ability to upload new MRI and CT scans or use the built-in case library
- Quiz modes for self-assessment, or for course assessment (quizzes may be password protected)

- Radiological imaging work station
- Animal case models
- Digital Pregnancy
- Living Bodies
- High-Resolution of Regional Anatomy
- Improved Rendering Visualization
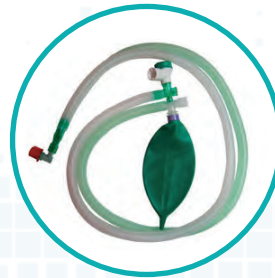- Optometry Applications

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INTENSIVE CARE CONSUMABLES

Ambu Bag

HME Filter

Bain Circuit

Breathing Circuit

Monitor Accessories

Cpap Nasal Mask

Flow Sensor

Full Face Mask

Test Lung

IBP Kit

ESU Pencil

CARDIAC ASSESSMENT SYSTEM

TMT

> Data reviewed beat to beat with full disclosure for each case.

> No constraint on the number of cases stored for review.

> Manual selection of Enlarged median.

> ST - Win enables automatic computation of all ST parameters.

> Preview before printing.

> Medians refresh: manually adjustable 1 to 8 seconds at 1 second interval.

> Supports arrhythmia detection.

HOLTER

> Stores ECG data of all channels of all beats in selected template.

> Facility to edit arrhythmia type of individual beat.

> View trends of HR, detected arrhythmias, ST level of all channels.

> 10, 20, 30 and 60 minutes disclosure.

> Selection of normal beat automatically or manually.

> Longest SV Tach, longest ST episode, maximum delta ST.

Surgical Imaging & Radiology

Ultrasound

Breast & Skeletal Health

Radiation Protection Products

In Vitro Diagnostics

Consumables & Accessories

Global Footprints

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