

Intensive Care System

01 | Our Vision

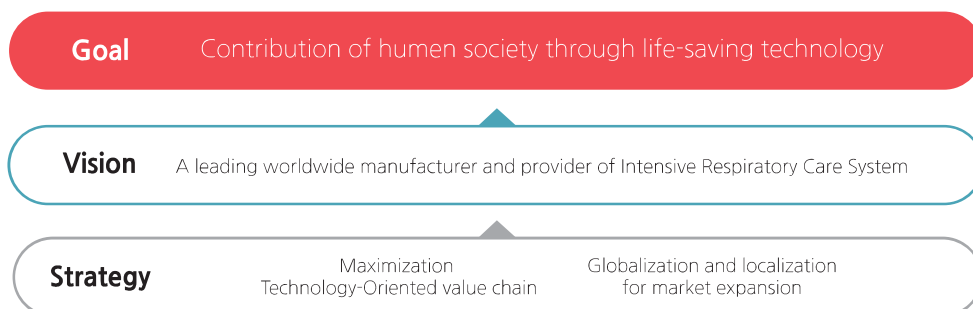
“We are making continuous efforts to improve the quality of care and fulfill the idea of respecting human life through technology.”

We MEKICS, standing for ICU (Intensive Care Unit) manufacturer, aim to focus on intensive care system to contribute to our society by presenting life-saving technology and product to enhance quality of life. Continuing our challenges to improve our expertise as the only one Korean manufacturer capable of providing respiratory care system.

We began by developing core technology for patient monitoring system. Since then, we continued research and development efforts focusing on respiratory care technology and at last released ICU ventilator, SU:M series.

The product line-up was expanded to home care CPAP (Continuous Positive Airway Pressure) for sleep apnea and software-based HFV (High Frequency Ventilation) for neonatal patients. Recently introduced OmniOx has gained a lot of attentions from the medical professionals for its world leading multi-functional features of both high flow nasal cannula oxygen therapy and non-invasive ventilation.

For the last 18 years, MEKICS has focused mainly on technology development and product launching. As a result, we have grown to the Asia leading intensive care provider. Also, we will be a **leading worldwide manufacturer and provider of Intensive Respiratory Care System**.



President Statements

MEKICS is a young company that still has a long way to go. It will not be satisfied with the existing descriptions such as "the first in Korea", "pioneer in the medical appliance market for critical patients", and "the only company in Asia". It will continue its continuous technology development and challenge the world-wide market. We promise to make our utmost efforts to fulfill the company's growth and the happiness of clients, stockholders and officials.



Jong Cheol Kim, President of MEKICS

02 | Our Technology

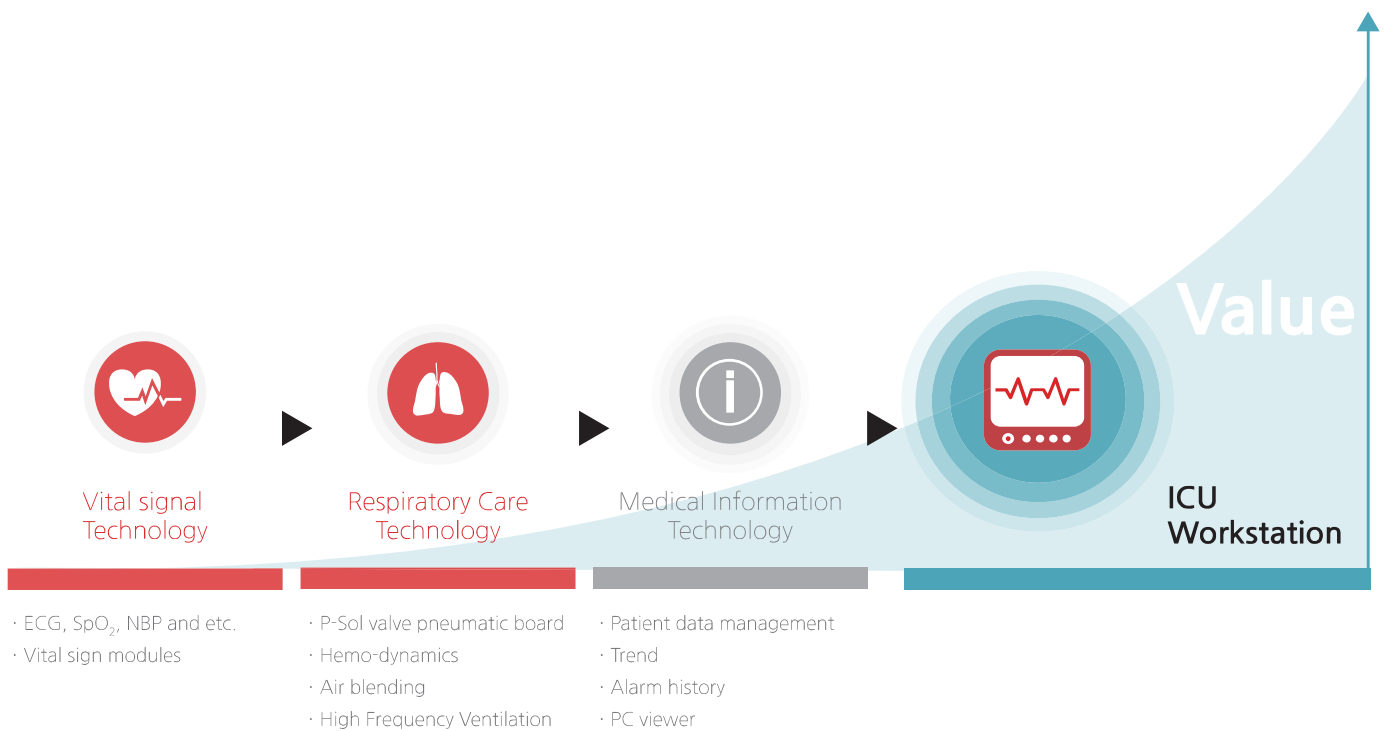
Technology Value Chain :

From vital signal technology to respiratory care technology

Technological innovation is the driving force of MEKICS. We have focused on developing not only new technology platforms but also the platform-based business models and strategies.

MEKICS started by developing **vital signal technology** for patient monitoring system. After that, MEKICS has developed **respiratory care technology** for respiratory care system. In addition, our technological advances have also facilitated the expansion of home care. CPAP ventilator for sleep apnea and HFNC device are attracting attention in home-healthcare markets.

We believe our expertise in a range of advanced technologies, allow us to **strengthen our Value Chain** from patient monitor to medical ventilator and **develop all relevant technologies for next generation ICU Workstation**.



Promise and Potential Future of MEKICS: Integrated ICU Workstation

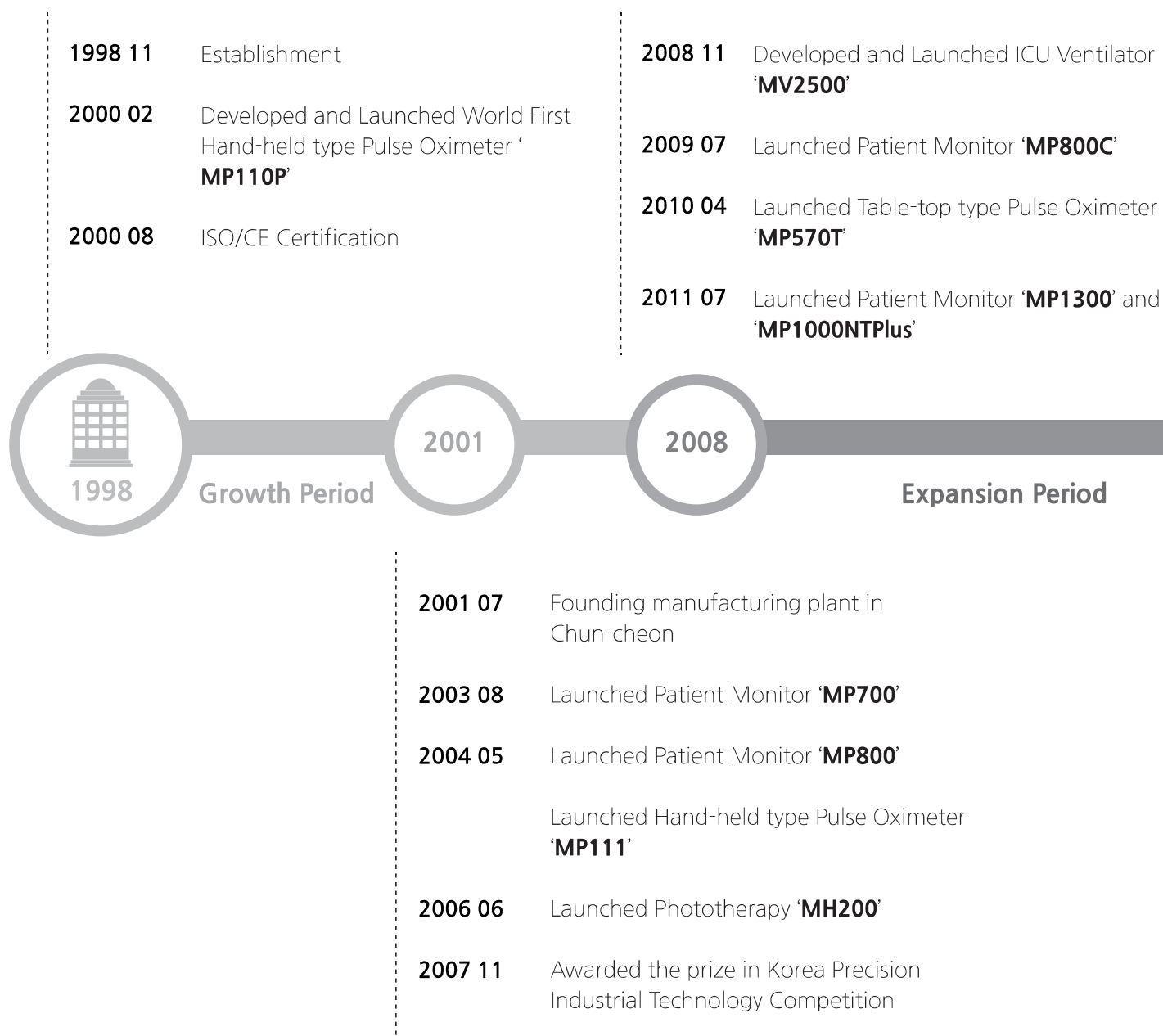
Next generation “**Intelligent**” Medical device

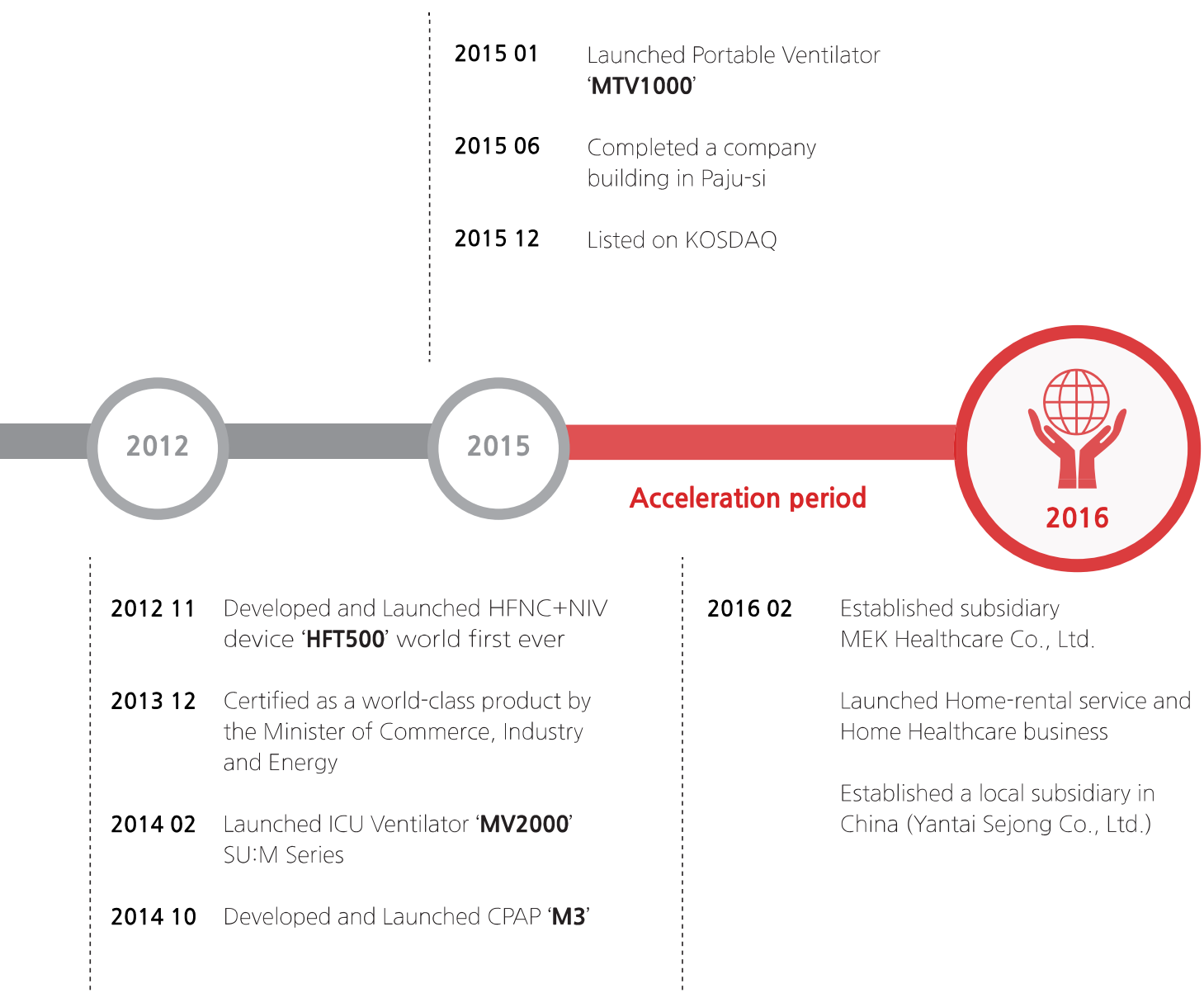
It is a new concept of combining statistical tool and predictive algorithms based on patient data. The aim is to help clinician reduce medical errors by supporting treatment decision for improved patient outcomes. This concept will be successfully implemented in our existing technologies related patient vital signal technology and patient data management technology.

03 | Our History

Technology driven company in Respiratory Care

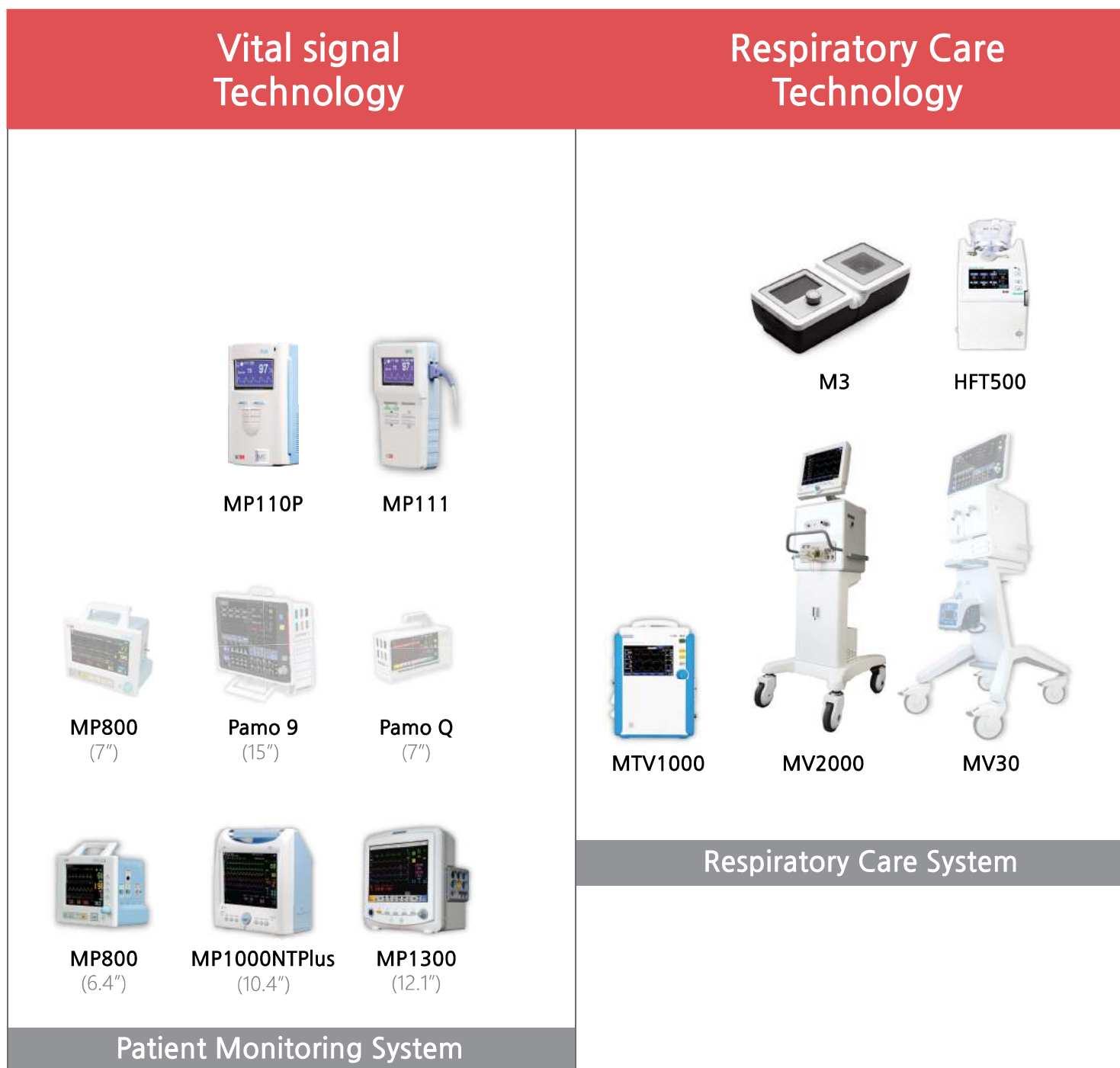
Starting with core technology for patient monitoring system, MEKICS has developed ICU (Intensive Care Unit) ventilator and respiratory care system. By specializing and advancing technology, it is establishing its identity and aims to grow its market worldwide.





04 | Our Product Value Chain

Our product value chain from patient monitoring system to respiratory care system
Current Release and Roadmap



Medical Information Technology



Patient Monitor

ICU Ventilator

MP601

Central Monitoring System

ICU Workstation Technology



“ ICU Workstation

Advanced concept Medical Device
combining with patent data
processing Algorithm

Vital signal Technology +
Respiratory Care Technology +
Medical Information Technology ”



05 | Our Products

From patient monitoring system to respiratory care system
MEKICS products are playing a critical role in delivering ICU care.

ICU Ventilator, **MV2000**



Single & Dual High Frequency Ventilator
Dual Nebulizer
AutoVent®
Smart Weaning
Monitoring SpO₂, EtCO₂

Portable Ventilator, **MTV1000**



Semi-ICU to Home
Monitoring SpO₂, EtCO₂
Electronic Blender
Built-in Air generator, Turbine blower
Dual & Single Limb circuit Compatible

HFNC+NIV, **HFT500**



HF/CPAP/BiPAP
Humidifier+ Blender + Monitoring
Delivery of optimal humidification
Adjustable FiO₂ Supply 21~100%
Reducing Work Of Breathing
Safe Monitoring

CPAP, **M3**



Built-in Air generator
CPAP & AUTOPAP
Quiet sleeping with low noise
Humidification control function
sleep data management from mobile
apps and the Internet

Air Compressor, **MC3**



Most Compatible with Ventilator
High Mobility
Quiet Performance
Automatic Water Removal System

Central Station, **MP601**



32 patient monitors or Ventilators
10 days graphic trend for each patient
Selectable various display, multi page
Available wireless LAN or cable wired
network

Patient Monitor, **MP1300**



12.1" Touch Screen TFT Color LCD
10 Waveforms Display
ECG, RESP, SpO₂, NIBP, 4-IBP, 2-TEMP
EtCO₂, Multi-Gas, Cardiac Output

Patient Monitor, **MP1000NTP**



10.4" High Resolution TFT Color LCD
7 Waveforms Display
ECG, RESP, SpO₂, NIBP, 2-IBP, 2-TEMP
Selectable color configuration for all parameters

Patient Monitor, **MP800**



6.4" High Resolution TFT Color LCD
3/5-lead ECG, RESP, SpO₂, NIBP, TEMP
Arrhythmia analysis and ST segment analysis.

Pulse Oximeter, **MP110P**



Hand-held type Pulse Oximeter
Compact and Lightweight (400g)
Back-light Blue LCD Display
Alarm Silence Mode (30sec.)
Long Battery operation Time (8hours)

Pulse Oximeter, **MP111**



Hand-held type Pulse Oximeter
Compact and Lightweight (400g)
Back-light Blue LCD Display
Alarm Silence Mode (30sec.)
Long Battery operation Time (8hours)
72 hours Data Memory Trend

Pulse Oximeter, **MP570T**



Table-top type Pulse Oximeter
Neonate to Adult patient
SpO₂ plethysmographic waveform, Pulse rate
High performance in low perfusion & artifact
Perfusion Index Display

06 | Our Company

Company Profile

Organization Name	MEKICS Co., Ltd.
Address	21, Sangjiseok-gil, Paju-si, Gyeonggi-do, Korea, 10911
Established	1998. 12
Main Business	Patient monitoring system, Respiratory care system, Central monitoring system
Contact	Domestic Sales +82 (0)70 7119 2527 Overseas Sales +82 (0)70 7119 2526 sales@mek-ics.com
	Service team +82 (0)70 7119 2511 service@mek-ics.com
Website	www.mek-ics.com



Group Affiliate

Organization Name	MEK Healthcare Co., Ltd.
Address	2F, 21, Sangjiseok-gil, Paju-si, Gyeonggi-do, Korea, 10911
Established	2016. 02
Main Business	CPAP, Home care, Home rental service
Contact	1644-1537 sales@mekhealthcare.com
Website	www.mekhealthcare.com www.mysleep.co.kr

Organization Name:	Yantai SeJong Co., Ltd.
Address	3-B-233, Zhu Jiang Road No.32, (Liu Xue Sheng Chuang Ye Yuan), Yantai, China 264006
Established	2016. 02
Main Business	Patient monitoring system, Respiratory care system, Medical ventilator
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