

**ONE STOP SOLUTION FOR  
ALL HOSPITAL NEEDS**



# ICU

## PRODUCTS RANGE



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# ICU Product

## 1. Pulse Oximeter

- ✓ Finger Pulse Oximeter.....3
- ✓ Handheld Pulse Oximeter.....4
- ✓ Table Top Pulse Oximeter.....5
- ✓ Pulse Oximeter with NIBP.....6
- ✓ Child Finger Pulse Oximeter.....7

## 2 Multipara Monitor

- ✓ Five Para Monitor.....8
- ✓ Touch Screen Five Para Monitor.....10

## 3. ECG Machine

- ✓ Single Channel ECG Machine.....12
- ✓ Three Channel ECG Machine.....13
- ✓ Six Channel ECG Machine.....15
- ✓ Twelve Channel ECG Machine.....17
- ✓ ECG Holter Machine.....19
- ✓ ECG Gel .....21
- ✓ ECG - paper roll.....22
- ✓ ECG Chest Bulb.....23
- ✓ ECG Electrodes.....24

## 4 Syringe Pump

- ✓ Syringe Pump.....25
- ✓ Advanced Syringe Pump .....27

## 5 Infusion Pump

- ✓ Infusion Pump.....29

## 6 Blood Infusion Warmer

- ✓ Blood Infusion Warmer.....31

## 7 Defibrillator Machine

- ✓ Biphasic Defibrillator .....32
- ✓ AED Trainer.....35

## 8 Nebulizer

- ✓ Piston Nebulizer.....37
- ✓ Ultrasonic Nebulizer.....38
- ✓ Mesh Nebulizer.....40
- ✓ Aero spacer.....41

## 9 Ventilators

- ✓ ICU Ventilator – Adult.....42

## 10 C-PAP & Bi-PAP

- ✓ Auto C-Pap.....44
- ✓ Bi-pap.....45

## 11 Oxygen Concentrator

- ✓ Oxygen Concentrator with nebulizer.....47

## 12 DVT Pump

- ✓ DVT Pump.....49

## 13 Spiro meter

- ✓ Spiro meter.....50
- ✓ Digital Spiro meter.....51
- ✓ Peak Flow Meter.....53

## 14 EEG Machine

- ✓ EEG Machine.....54

## 15 EMG Machine

- ✓ EMG Machine.....56

## 16 TMT Machine

- ✓ TMT Machine.....60

## 17 Blood pressure Monitor

- ✓ Blood pressure Monitor.....62

# Finger Pluse Oximeter – 03A01

ADVIN pulse oximetry measuring a patient’s oxygen level (SpO2) and heart rate.

It is painless way to determine how effectively oxygen is being transferred to different parts of the body and how often the heart is beating.

## Advanced Features:

- 👂 Small in volume, Light in weight and Convenient in carrying
- 👂 The product is suitable for being used in family, hospital etc
- 👂 Colour display
- 👂 SpO2 Value & Pulse waveform display
- 👂 Four Display Modes
- 👂 When Finger is out Auto Turn-off Function
- 👂 High accuracy, durable, low battery reminder



## Technical Specification:

### General Specification

<b>Display</b>	0.96” Dual colour OLED display
<b>Measure</b>	SPO2
<b>Indication</b>	Battery Voltage Low Indication
<b>Screen Resolution</b>	1% for SPO2, 1bpm for pulse rate
<b>Accuracy</b>	±2 % (70%-100%) for SpO <sub>2</sub> & ±2bpm for pulse rate.
<b>Battery</b>	1.5 V Alkaline Batteries

## Product Code:

Product	Size	Code
<b>Finger PluseOximeter</b>	-	03A01

# Handheld Pulse Oximeter – 03A02

Handheld Pulse Oximeters are still one of the most popular methods of obtaining pulse oximetry measurements in hospital. ADVIN handset contains all the electronics, power supply and display screen.

## Advanced Features:

- 👂 1.8" Colour TFT Display with four directional views
- 👂 Light Weight, Easy To use
- 👂 Audio And Visual Alarm System
- 👂 Suitable for adult, paediatric and neonatal
- 👂 Rechargeable Battery
- 👂 Pulse rate waveform display
- 👂 Data analysis software
- 👂 Application in Hospital, Health care providers, etc



## Technical Specification:

### General Specification

<b>Display</b>	1.8" TFT LCD Colour Display
<b>Measure</b>	SPO2 & PR
<b>Measurement Range For SPO2</b>	0~100%
<b>Accuracy SPO2</b>	±2%(70%-100%) for SpO <sub>2</sub>
<b>Measurement Range For PR</b>	30-250bpm ((±2 bpm)
<b>Accuracy PR</b>	±2bpm for pulse rate
<b>Alarm Range</b>	0-100%
<b>Alarm</b>	Audio & Visual

## Product Code:

Product	Size	Code
<b>Handheld PulseOximeter</b>	-	03A02

## Table Top Pulse Oximeter – 03A03

Advin Health Care Provide Table Top Pulse Oximeter With International quality standards. A measure of the oxygen saturation level in your arteries. Higher oxygen saturation indicates more oxygen in the arterial blood.

### Advanced Features:

- 👉 LED display of SpO<sub>2</sub>, Pulse Rate & NIBP
- 👉 High resolution colour LCD for trend tabular and SpO<sub>2</sub> waveforms display
- 👉 Adjustable audible and visual alarm
- 👉 Suitable for Adult, Paediatric and Neonatal patients.
- 👉 Portable, Light Weight
- 👉 Pulse rate waveform display



### Technical Specification:

General Specification	
Measurement Range for SpO <sub>2</sub>	0-100%
Measurement Range for PR Display	30-250 bpm%
Accuracy for SpO <sub>2</sub>	±2% for 70 ~ 100%
Accuracy For PR	±2%
Error	SpO <sub>2</sub> , ±1%, PR - ±2 bpm
Internal Power Supply	100-240 V Ac, 50/60Hz
Internal Power Supply For battery	3.6 V DC- 4.2 V DC
PI [perfusion Index] Measure Range	0-20%
Accuracy	<ul style="list-style-type: none"> <li>👉 When the PI measure Range is 1-20%, The Permission of absolute error is ±1%</li> <li>👉 When the PI measure Range is 0-0.9%, The Permission of absolute error is ±0.2%</li> </ul>

### Product Code:

Product	Size	Code
Table Top Pulse Oximeter	-	03A03

## Pulse Oximeter With NIBP - 03A04

Advin Health Care Offers Pulse Oximeter With NIBP With International quality standard. It is a non-invasive method for monitoring a person's oxygen saturation.

### Advanced Features:

- 👂 High brightness LED display of NIBP, SpO2 and pulse rate
- 👂 2.8" Height brightness TFT LCD display
- 👂 Suitable for adult, pediatric and neonatal patient
- 👂 Memory: Built-in flash memory
- 👂 Powerful data storage and management, Trend table
- 👂 Alarm: Visual and Audio alarms, adjustable
- 👂 Audio volume adjustable
- 👂 Built-in rechargeable Li-Polymer



### Technical Specification:

Pluse Rate	
<b>Measurement Range for PR Display</b>	30-250bpm
<b>Accuracy For PR</b>	±2% or ±2bpm [Select Larger]
SPO2	
<b>Measurement Range for SPO2</b>	0-100%
<b>Accuracy SPO2</b>	±2% for 70 - 100%; Unspecified for 0 - 69%
<b>Alarm Range</b>	0-100%
NIBP	
<b>Method</b>	Oscillometer
<b>Operation Mode</b>	Manual / Automatic / Continuous
<b>Measurement Range</b>	25 – 250 mmHg
<b>NIBP Accuracy</b>	± 5 mmHg
<b>Alarm</b>	High & low systolic and Diastolic Blood Pressure

### Product Code:

Product	Size	Code
<b>Pulse OximeterWith NIBP</b>	-	03A04

## Child Finger Pulse Oximeter - 03A05

Advin Health Care Offers Child Finger Pulse Oximeter With International quality standard. The Child Finger Pulse Oximeter is measure pulse and SpO2 of pediatric patient.

### Advanced Features:

- 👂 Small volume, low power consumption
- 👂 Convenient operation & portability
- 👂 High precision & Repeatability
- 👂 Two-color OLED display
- 👂 Four directions, six display modes
- 👂 Type-c interface charging
- 👂 Automatic shutdown function, saving power
- 👂 Low battery reminder
- 👂 The operation menu facilitates the function setting



### Technical Specification:

#### General Specification

<b>Power</b>	Rechargeable Lithium battery
<b>Power Consumption</b>	BELOW 30mA
<b>SpO2 Measurement range</b>	70 – 99%
<b>Accuracy</b>	±2% for 80-99%, ±3% for 70-79%, Below 70% no requirement.
<b>Pulse rate Accuracy</b>	30-240 bpm
<b>Accuracy</b>	±2bpm
<b>PI index measurement scope</b>	0-20[Optional]
<b>Operation Temperature</b>	5°C-40°C
<b>Ambient Humidity</b>	15%-80% on operation; 10%-80% in storage.
<b>Air Pressure</b>	70-106KPa

### Product Code:

Product	Size	Code
Child Finger Pulse Oximeter	-	03A05

## Five Para Multipara Monitor – 03C02

Advin Health Care Offers Five para multipara monitor with International quality standard. It is Five Para Monitor. Monitoring is essential in any kind of medical practice. It is the observation of disease, condition and several other parameters over time. Usually a medical monitor is used for continuously measuring vital signs. Monitoring can be classified by the target of interest.

### Advanced Features:

- 👂 High resolution 12.1" TFT colour display with multi-channel waveform display
- 👂 Five Para Monitor
- 👂 Light Weight and Compact
- 👂 Portable and Energy-saving
- 👂 Suitable For Adult, Paediatric and Neonate
- 👂 Waveform, parameter colour can be set optionally
- 👂 7-lead ECG waveform display on the same screen
- 👂 Up to 8-channel waveform display on one screen
- 👂 Manual or Automatic NIBP measuring with 500 unit memory
- 👂 Built-in rechargeable lithium battery
- 👂 Alarm : Audible And Visual Alarm System
- 👂 32 seconds full-disclosure waveform review
- 👂 72 hours tabular and graphic of all parameter
- 👂 Parameter: ECG, SPO2, NIBP, RESP, TEMP, PR



### Technical Specification:

Respiration	
<b>Method</b>	RA-LL Impedance
<b>Measurement Range</b>	Adult: 0 ~ 120 bpm, Paediatrics/ Neonatal: 0 ~ 150 bpm
Pulse Rate (PR)	
<b>Measurement Range</b>	20-254 BPM
<b>Accuracy</b>	±3 Bpm
Temperature	
<b>Measurement Range</b>	0-50°C

<b>Accuracy</b>	±0.1°C
<b>Channel</b>	Dual-Channel

### SpO2

<b>Measurement Range</b>	0-100%
<b>Accuracy</b>	±2%, [for 70 ~ 100%], & 0 ~ 69% Unspecified
<b>Alarm</b>	0-100%

### NIBP

<b>Method</b>	Oscillometric
<b>Modes</b>	Manual / Auto / Continuous
<b>Measurement Range</b>	10-270mmHg
<b>Measurement Types</b>	Systolic, Diastolic, Mean.
<b>Accuracy</b>	The mean error shall be less than ±5mmHg The Standard deviation shall be less than ±8 mmHg.

### ECG

<b>Lead Mode</b>	5 lead or 12 lead
<b>Input Lead</b>	RA; LA; RL; LL; V or R; L; N; F; C
<b>Lead Selection</b>	I, II, III, avR, avL, avF and V
<b>Heart Rate Range</b>	Adult: 35–300 bpm, Paediatrics/ Neonatal: 15–300bpm
<b>ECG Waveform</b>	2 Channels
<b>Accuracy</b>	±1 bpm or ±1%, whichever is greater
<b>S-T segment detection Measurement range</b>	0.2mV-2.0mV

### Product Code:

Product	Size	Code
Five Para Multipara Monitor	-	03C02
Five Para Multipara Monitor	-	03C03

## Touch Screen Five Para Monitor – 03C04

Advin Health Care Provides Touch Screen Five Para Monitor With International quality standard. It is Touch Screen Five Para Monitor. Monitoring is essential in any kind of medical practice. It is the observation of disease, condition and several other parameters over time. Usually a medical monitor is used for continuously measuring vital signs. Monitoring can be classified by the target of interest.

## Advanced Features:

- 👂 High resolution 12.1" TFT colour display with multi-channel waveform display
- 👂 Light Weight, Compact, Portable, and Energy-saving
- 👂 Suitable For Adult, Paediatric and Neonate
- 👂 Waveform, parameter colour can be set optionally
- 👂 Built-in rechargeable lithium battery
- 👂 Alarm : Audible And Visual Alarm System
- 👂 Parameter: ECG, SPO2, NIBP, RESP, TEMP, PR



## Technical Specification:

Respiration	
<b>Method</b>	RA-LL Impedance
<b>Measurement Range</b>	Adult: 7 ~ 120 bpm, Paediatric/ Neonatal: 7 ~ 150 bpm
Pulse Rate (PR)Range	
<b>Measurement Range</b>	20 ~ 254 bpm Accuracy: ±3 bpm
Temperature	
<b>Measurement Range</b>	0 ~ 50°C [±0.1°C]
<b>Channel</b>	Dual-Channel
SpO2	
<b>Measurement Range</b>	0 ~ 100%
<b>Accuracy</b>	±2%, [for 70 ~ 100%], & 0 ~ 69% Unspecified
<b>Alarm</b>	0-100%
NIBP	
<b>Method</b>	Digital Automatic Oscillometric
<b>Modes</b>	Manual / Auto / Continuous
<b>Measurement Range</b>	10 ~ 270 mmHg

<b>Measurement Types</b>	Systolic, Diastolic, Mean
<b>Alarm</b>	Systolic , Diastolic, Mean
<b>ECG</b>	
<b>Lead Mode</b>	5 lead (R,L,N,F,C)
<b>Waveform</b>	3 and 7 Chanel selectable
<b>Arrhythmia analysis &amp; St.</b>	YES
<b>Heart Rate Range</b>	Adult: 15~300bpm
<b>Temperature</b>	
<b>Temp Range</b>	0-50°C
<b>Compatible probe</b>	YSI or CYF

### Product Code:

Product	Size	Code
<b>Touch Screen Five Para Monitor</b>	-	03C04



## Single Channel ECG Machine – 03D01

Advin Health Care Offers Single Channel ECG Machine with International quality standard.

The ECG is used to investigate suspected problems with the electrical conduction system of the heart as well as some other abnormalities such as metabolic disturbances. The ECG is an essential tool for health professionals in making a diagnosis of abnormal heart rhythms when one is suspected.

## Advanced Features:

- 👂 The device can record single channel ECG waveform
- 👂 The lead sign, sensitivity, paper speed and filter state
- 👂 ECG collecting 12-lead ECG signal simultaneously
- 👂 Printing ECG waveform with thermal printing system
- 👂 Recording and displaying ECG waveform with manual or auto mode
- 👂 Rechargeable Lithium Battery
- 👂 ECG Records: Internal Storage
- 👂 High resolution thermal-array [8 dots/mm] non-adjustable
- 👂 The device can record exact single ECG wave form and remark



## Technical Specification:

General Specification	
Display	2.7" LCD Display
Lead	12 leads
Patient leak current	≤10μA
Input impedance	≥50MΩ
Frequency response	0.05Hz ~ 150Hz
EMG interference filter	35Hz: [-3dB]
Recording way	Thermal printing system
Specification of recording paper	50mm (W) X 20m (L)
Classification	Class I,CF applied
Power Supply	100-240 V AC, 50/60 Hz

## Product Code:

Product	Size	Code
Single Channel ECG Machine	-	03D01

## Three Channel ECG Machine - 03D02

Advin Health Care Offers Three Channel ECG Machine with International quality standard.

The ECG is used to investigate suspected problems with the electrical conduction system of the heart as well as some other abnormalities such as metabolic disturbances. The ECG is an essential tool for health professionals in making a diagnosis of abnormal heart rhythms when one is suspected.

## Advanced Features:

- 👂 3 channel ECG with data Interpretation
- 👂 12-Lead ECG simultaneous acquisition
- 👂 Portable, Light weight and durable
- 👂 Mode of operation: Auto & Manual
- 👂 Rechargeable Lithium Battery
- 👂 Simultaneous display of 3/6/12 leads ECG waveform
- 👂 Remark the lead sign, sensitivity paper speed and filter state
- 👂 Digital filters eliminating EMG, AC Baseline Draft interference



## Technical Specification:

General Specification	
<b>Display</b>	3.5" Colour LCD Display
<b>Lead</b>	12 leads
<b>Frequency response</b>	0.05Hz ~ 150Hz [-3dB ~ 0.4dB]
<b>Specification of recording paper</b>	80mm [W] X20m [L]
<b>Measurement parameter</b>	HR, P-R interval P Duration, QRS Duration, Q Interval, Q-Tc, P Axis, QRS Axis, T Axis, R(V5), S(V1), R(V5) + S(V1)
<b>Recording</b>	Auto and Manual
<b>Printing Modes</b>	Multiply printing modes and formats, including manual, auto 4*3, auto 3*4 1, auto 3*4, auto 2*6 1, auto 2*6, etc. Waveform length printed can be adjusted, and with timing print function, which meets different requirements.
<b>Paper speed</b>	<ul style="list-style-type: none"> <li>○ Auto Record : 25mm/s, 50mm/s</li> <li>○ Manual Record : 5, 10, 25, 50mm/s</li> <li>○ Rhythm Record : 25mm/s, 50mm/s</li> </ul>
<b>Classification</b>	Class I,CF applied
<b>Power supply</b>	100-240 V AC, 50/60 Hz

## Product Code:

Product	Size	Code
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Three Channel ECG Machine	-	03D02
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## Six Channel ECG Machine - 03D03

Advin Health Care Offers Six Channel ECG Machine with International quality standard. The

ECG is used to investigate suspected problems with the electrical conduction system of the heart as well as some other abnormalities such as metabolic disturbances. The ECG is an essential tool for health professionals in making a diagnosis of abnormal heart rhythms when one is suspected.

## Advanced Features:

- 👉 6 channel ECG with data Interpretation
- 👉 12-Lead ECG simultaneous acquisition
- 👉 Portable, Light weight and durable
- 👉 Mode of operation: Auto & Manual
- 👉 Rechargeable Lithium Battery
- 👉 Simultaneous display of 3/6/12 leads ECG waveform
- 👉 Remark the lead sign, sensitivity paper speed and filter state
- 👉 Digital filters eliminating EMG, AC Baseline Draft interference
- 👉 Thermal Printing System
- 👉 Details Analysis report



## Technical Specification:

### General Specification

<b>Display</b>	7" TFT LCD with Touch Screen
<b>Input way</b>	Floating and defibrillation protection
<b>Lead</b>	12 leads
<b>Patient leak current</b>	≤10μA
<b>Frequency response</b>	0.05Hz ~ 150Hz [-3 dB ~ 0.4 dB]
<b>CMRR</b>	≥60 dB, ≥100 dB [Add filter]
<b>EMG interference filter</b>	35Hz [-3dB]
<b>Paper speed</b>	<ul style="list-style-type: none"> <li>○ Auto Record : 25mm/s, 50mm/s</li> <li>○ Manual Record : 5, 10, 25, 50mm/s</li> <li>○ Rhythm Record : 25mm/s, 50mm/s</li> <li>○ Sensitivity choice : 5, 10, 20 mm/mV; error±5%</li> </ul>
<b>AC Filter</b>	50/60 Hz
<b>Sampling rate</b>	1KHz
<b>Recording way</b>	Thermal printing system [32 spots/mm]
<b>Specification of recording paper</b>	110mm [W] x 20m [L]
<b>Measurement Parameter</b>	HR, P-R interval P Duration, QRS Duration, Q Interval, Q-Tc, P Axis, QRS Axis, T Axis, R[V5], S[V1],

**Recording**

**Printing Modes**

**Power Supply**

R[V5] +S[V1]

Auto and Manual

6\*2+1, Auto 6\*2,Auto 4\*3+1,Auto 4\*3, Auto

3\*4+1,Auto 3\*4,Auto 2\*6 +1, ,Auto 2\*6,Rhythm

7,Rhythm 6,Rhythm 5,Rhythm 4,Rhythm 3,Rhythm

2 And Manual Mode.

100-230V AC – 50/60 Hz

**Product Code:**

Product	Size	Code
Six Channel ECG Machine	-	03D03



**Twelve Channel ECG Machine – 03D04**

Advin Health Care Offers Twelve Channel ECG Machine with International quality standard. The ECG is used to investigate suspected problems with the electrical conduction system of the heart as well as some other abnormalities such as metabolic disturbances. The ECG is an essential tool for health professionals in making a diagnosis of abnormal heart rhythms when one is suspected.

## Advanced Features:

- 🔊 12-Lead ECG simultaneous acquisition
- 🔊 Portable, Light weight and durable
- 🔊 Mode of operation: Auto & Manual
- 🔊 Rechargeable Lithium Battery
- 🔊 Simultaneous display of 3/6/12 leads ECG waveform
- 🔊 Remark the lead sign, sensitivity paper speed and filter state
- 🔊 Digital filters eliminating EMG, AC Baseline Draft interference
- 🔊 Thermal Printing System
- 🔊 Details Analysis report



## Technical Specification:

### General Specification

<b>Display</b>	8" LCD with Touch Screen
<b>Input way</b>	Floating and defibrillation protection
<b>Lead</b>	12 leads
<b>Patient leak current</b>	$\leq 10\mu\text{A}$
<b>Frequency response</b>	0.05Hz ~ 150Hz [-3 dB ~ 0.4 dB]
<b>CMRR</b>	$\geq 60\text{ dB}$ , $\geq 100\text{ dB}$ [Add filter]
<b>EMG interference filter</b>	35Hz [-3dB]
<b>Paper speed</b>	<ul style="list-style-type: none"> <li>○ Auto Record: 25mm/s, 50mm/s, error <math>\pm 5\%</math></li> <li>○ Manual Record: 5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s, error <math>\pm 5\%</math></li> <li>○ Rhythm Record: 25mm/s, 50mm/s, error <math>\pm 5</math></li> <li>○ Sensitivity choice: 5, 10, 20 mm/mV; error <math>\pm 5\%</math></li> </ul>
<b>AC Filter</b>	50/60 Hz
<b>Sampling rate</b>	1KHz
<b>Recording way</b>	Thermal printing system [32 spots/mm]
<b>Specification of recording paper</b>	110mm [W] x 20m [L]

**Measurement Parameter**

HR, P-R interval P Duration, QRS Duration, Q Interval, Q-Tc, P Axis, QRS Axis, T Axis, R[V5], S[V1], R[V5] +S[V1]

**Recording**

Auto and Manual

**Printing Modes**

6\*2+1, Auto 6\*2, Auto 4\*3+1, Auto 4\*3, Auto 3\*4+1, Auto 3\*4, Auto 2\*6 +1, Auto 2\*6, Rhythm 7, Rhythm 6, Rhythm 5, Rhythm 4, Rhythm 3, Rhythm 2 And Manual Mode.

**Power Supply**

100-230V AC – 50/60 Hz

**Classification**

Class I, CF applied part

**Product Code:**

Product	Size	Code
Twelve Channel ECG Machine	-	03D04



**ECG Holter Machine- 03D05**

Advin Health Care Offers ECG Holter Machine with International quality standard. ECG Holter monitor is a portable device for cardiac monitoring for at least 24 to 48 hours.

Its extended recording period is useful for observing occasional cardiac arrhythmias which would be difficult to identify in a shorter period.

## Advanced Features:

- 👉 Atrial premature beat module, ventricular premature beat module, long interval module, atrial flutter module, atrial fibrillation module etc
- 👉 Flexible atrial fibrillation analysis, so that physician can be useful, segmented automatic, manual analysis of atrial fibrillation, makes the analysis more quickly and accurately
- 👉 Powerful pacemaker analysis on the AAI, VVI, DDD etc. all pacemaker analysis
- 👉 Analysis of heart rate variability with short range 5 min, and long-range 1 hr, and full analysis of heart rate variability
- 👉 Heart rate turbulence analysis can predict the risk of death in patients with myocardial infarction
- 👉 T-wave alteration analysis is an important index on judging and preventing arrhythmia
- 👉 Any period of single lead or 12-leads ECG can be reviewed at anytime with the function of fast wave form review and analysis
- 👉 The report has reference value with the functions of VCG, VLP, TVCG & QTD analysis
- 👉 A one-stop printing operation, report printing process is convenient and quick
- 👉 Analysis of the heart rate



## Technical Specification:

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### General Specification

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<b>Display</b>	OLED
<b>Battery</b>	AAA size battery with battery backup of approx. 24 hr
<b>Interfacing</b>	USB
<b>Storage</b>	In built storage up to 1 GB
<b>Electrodes</b>	5 Leads
<b>Recording the state of Pacemaker Channel</b>	Yes
	1 & 3 Channel

## Product Code:

Product	Size	Code
<b>ECG Holter Machine</b>	-	<b>03D05</b>



## ECG Gel – 03D06

Advin Offers ECG (Electrocardiography) gel acts as a coupling between electrodes and the skin to aid transmission of electro activity.

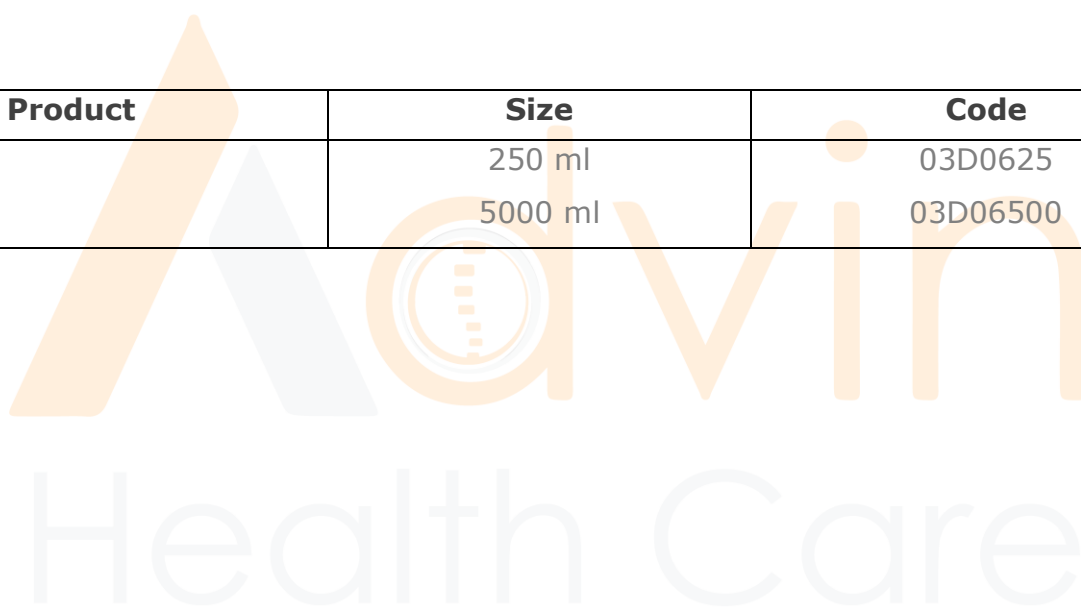
### Advanced Features:

- 👉 This gel can be used with all electrocardiography equipment
- 👉 ECG gel is also becoming more commonly used with sports heart rate monitoring equipment to improve the quality of the signal transmitted to the recording device
- 👉 A high quality conductive gel
- 👉 This is a long-lasting, non- irritating, non-greasy and low absorption gel
- 👉 Available in 250 ml / 5000 ml packing



### Product Code:

Product	Size	Code
ECG Gel	250 ml	03D0625
ECG Gel	5000 ml	03D06500



## ECG Paper Roll – 03D07

Advin Health Care Offers ECG Paper Roll with International quality standard.

## Advanced Features:

- 👉 We are offering ECG paper rolls & packets that are used for recording the test results in ultrasound.
- 👉 We offer best quality single channel, 3 channel, 6 channel & 12 channel ECG papers.
- 👉 Which are used in electrocardiogram (ECG) machines.
- 👉 These papers are offered in varied sizes and patterns
- 👉 Our papers are made from the premium quality raw materials.
- 👉 GSM : 80-120
- 👉 Material : Thermal Paper
- 👉 Color : White
- 👉 Size: 106 x 20 mtr , 210 x 20 mtr



## Product Code:

Product	Size	Code
ECG Paper Roll	106 x 20 mtr	03D07106
ECG Paper Roll	210 x 20 mtr	03D07210

## ECG Chest Bulb— 03D08

Advin Health Care Offers ECG Chest Bulb with International quality standard. They can be used with general ECG using snap-on Lead Wires providing good contact and low noise.

### Advanced Features:

- 👉 Material: Nickel-plate
- 👉 Color: Blue
- 👉 Suction cups Dia.24mm
- 👉 Rubber balls Dia.32mm
- 👉 Have a nut to adjust to any size of ECG cable or leadwires
- 👉 Compatible with any ECG cable or lead wires



### Product Code:

Product	Size	Code
ECG Chest Bulb	-	03D08

## ECG Electrodes – Adult – 03D09A

Advin Health Care Offers ECG Electrodes with International quality standard.

### Advanced Features:

- 👉 Size 36mm
- 👉 Use for Adult
- 👉 Gel Ecg electrode



## ECG Electrodes –Pediatric – 03D09P

### Advanced Features:

- 👉 Foam Aggressive
- 👉 for pediatric Use
- 👉 The low profile foam substrate is fluid and tear resistant.



### Product Code:

Product	Size	Code
<b>ECG Electrodes -Adult</b>	-	03D09A
<b>ECG Electrodes –Peadiatric</b>	-	03D09P

## Syringe Pump – 03E01

Advin Health Care Provide Syringe pump With International quality standards. It can be used in almost any application that involves precise metering, especially at the micro- and

nanoscale. They are used in many research fields as precise dosing systems or to accurately deliver small quantities of reagents, mix miniscule volumes, and add traces of specific chemicals over the course of the experiment.

## Advanced Features:

- 👉 LCD Display
- 👉 Three working modes: rate mode, time volume mode, dosage-weight mode
- 👉 Three levels of occlusion: High, Medium and Low
- 👉 KVO [keep-vein-open] automatically opens as injection is completed
- 👉 Purge and Bolus function
- 👉 Alarm System: Audible and Visual Alarm System
- 👉 Compatible with 10ml, 20ml, 30ml, 50/60ml syringe of any brands
- 👉 Freely Stackable
- 👉 Rechargeable Lithium Battery
- 👉 Approx 2 Hours Battery back up









## Technical Specification:

### General Specification

<b>Power Supply</b>	100-240V AC, 50/60Hz
<b>Flow Rate Accuracy</b>	Within $\pm 3\%$
<b>Volume Limit</b>	0.1ml – 999.9 ml
<b>KVO Rate</b>	0.1ml/h ~ 5ml/h [0.1m/h step]
<b>Injection Rate</b>	<ul style="list-style-type: none"> <li>👉 50/60ml Syringe: 0.1ml/h ~ 999.9ml/h [0.1ml/h step], 1000ml/h ~ 1500ml/h [1ml/h step]</li> <li>👉 30ml Syringe : 0.1ml/h ~ 999.9ml/h [0.1ml/h step]</li> <li>👉 20ml Syringe : 0.1ml/h ~ 999.9ml/h [0.1ml/h step]</li> <li>👉 10ml Syringe : 0.1ml/h ~ 999.9ml/h [0.1ml/h step]</li> </ul>
<b>Purge Rate</b>	<ul style="list-style-type: none"> <li>👉 50/60ml Syringe : 1500ml/h</li> <li>👉 30ml Syringe: 900ml/h</li> <li>👉 20ml Syringe: 600ml/h</li> <li>👉 10ml Syringe: 300ml/h</li> </ul>
<b>Bolus Rate</b>	👉 50/60ml Syringe : 1200ml/h

### Occlusion

### Alarms

-  30 ml Syringe : 720ml/h
  -  20 ml Syringe 480ml/h
  -  10 ml Syringe 240ml/h
  -  High: 800mmHg  $\pm$  200mmHg [106.7kPa  $\pm$  26.7kPa]
  -  Medium: 500mmHg  $\pm$  100mmHg [66.7kPa  $\pm$  13.3kPa]
  -  Low: 300mmHg  $\pm$  100mmHg [40.7kPa  $\pm$  13.3kPa]
- Injection is blocked, injection finish, Injection soon finish, Limited finished, FF injection, Syringe falls off, Syringe improperly installed, Wrong setting, AC power has been pulled out, Low battery, Forget to operate etc.

### Product Code:

Product	Size	Code
Syringe Pump	-	03E01



## Advanced Syringe Pump – 03E02

Advin Health Care Offers Advanced Syringe Pump Machine with International quality standard. Syringe pumps can be used in almost any application that involves precise metering, especially at the micro- and nanoscale. They are used in many research fields as

precise dosing systems or to accurately deliver small quantities of reagents, mix miniscule volumes, and add traces of specific chemicals over the course of the experiment.

## Advanced Features:

- 👉 Light Weight, Durable
- 👉 DERS ( Drug error reduction system)
- 👉 Brightness and alarm are adjustable
- 👉 Long run time battery with approx. 9 Hours battery backup
- 👉 Rate mode, Time Mode, & Body Weight Mode
- 👉 Intuitive Operating System
- 👉 Automatically calculate flow rate
- 👉 Touch screen display
- 👉 Screen can be locked
- 👉 Automatic calibration and anti-bolus function
- 👉 7 Infusion modes



## Technical Specification:

General Specification	
<b>Power Supply</b>	100-240V AC, 50/60Hz
<b>Battery</b>	12V DC, 10 hr. battery backup
<b>Display</b>	4.3" Color TFT with touch screen
<b>Syringe size</b>	5ml, 10ml, 20 ml, 30 ml, 50 or 60ml,
<b>Flow rate</b>	0.01-1500ml/hr.
<b>Accuracy</b>	Flow Rate $\pm$ 2%
<b>VTBI</b>	0-9999ml
<b>Dose rate units</b>	<15 types
<b>KVO rate</b>	0.01 – 5.0 ml/hr.
<b>Bolus setting</b>	Manual Bolus Programmable Bolus
<b>Modes</b>	Time Mode, Rate modes, Body weight mode, with relay mode, Micro mode and standby mode.
<b>Occlusion</b>	Up to 12 Level
<b>Storage</b>	More than 5000 recorders More than 2000 Drug library
<b>Interface</b>	USB interface

**Classification**

Class I, CF

**Water Proof standards**

IP 24

**Weight**

1.7Kg

**Alarm**

VTBI near end, VTBI infused, Pressure high, Battery nearly empty, Battery empty, no power supply, Reminder alarm, and KVO finished, Check syringe, Syringe empty, Stand by time expired, system error.

**Product Code:**

Product	Size	Code
Advanced Syringe Pump	-	03E02



**Infusion Pump – 03F01**

Advin Health Care Provide Infusion pump With International quality standards. An external infusion pump is a medical device used to deliver fluids into a patient’s body in a controlled manner. There are many different types of infusion pumps, which are used for a variety of purposes and in a variety of environments.

## Advanced Features:

- 👉 HD LCD Display, friendly user interface
- 👉 Alarm: Audible , Visual alarm, Low battery, Infusion Finish, Door Open, Wrong Setting, Purge ETC.
- 👉 Compatible with any infusion sets after correct calibration.
- 👉 KVO [keep-vein-open] automatically opens as injection is completed
- 👉 Purge and Bolus function.
- 👉 Approx. 4 Hr Battery backup time for normal fuction.
- 👉 Work mode: ml/hr & drop/min and these two modes can switch freely
- 👉 Preset solution volume to greatly reduce the workload of nurses
- 👉 Rechargeable lithium battery
- 👉 Drop sensor



## Technical Specification:

### General Specification

<b>Power Supply</b>	100-240V AC, 50/60Hz
<b>Battery</b>	Internal Rechargeable Li battery, Capacity ≥ 1600mha, Voltage= 11.1 V
<b>Volume Limit</b>	1ml – 9999 ml
<b>Total Infusion Volume</b>	0.1ml-9999.9ml
<b>Infusion Rate</b>	1ml/h-1200ml/h
<b>Purge Rate</b>	100ml/h-1200ml/h [100ml/h step]
<b>Flow rate Accuracy</b>	Within ±5% [After correct calibration]
<b>Occlusion</b>	<ul style="list-style-type: none"> <li>👉 <b>High:</b> 800mmHg ± 200mmHg [106.7kPa ±26.7kPa]</li> <li>👉 <b>Medium:</b> 500mmHg ± 100mmHg [66.7kPa ±13.3kPa]</li> <li>👉 <b>Low:</b> 300mmHg ± 100mmHg [40.7kPa ±13.3kPa]</li> </ul>
<b>Mechanical Precision</b>	Within ±2%
<b>Detection Sensitivity</b>	≥25µL
<b>Bubble Detector</b>	Ultrasonic Wave Detector

**Alarms**

Tube is blocked, injection finish, Wrong setting, AC power has been pulled out, Data processing, Purge, Bolus running, Low battery, Forget to operate etc.

**Weight**

1.8 Kg

**Product Code:**

Product	Size	Code
<b>Infusion Pump</b>	-	03F01



**Blood Infusion Warmer – 03G01**

Advin Health Care Provide Blood Infusion Warmer With International quality standards. Blood Infusion Warmer used with compression sleeve, which induce a major stress to red blood cells. In this setting, the combination of blood warmer and compression sleeve could generate hemolysis and harm the patient.

## Advanced Features:

- 🔊 Easy to operate, quick simple installation
- 🔊 Permanent running self-tests
- 🔊 High accurate digital control for temperature.
- 🔊 The transfused fluid is heated up while passing through the infusion tube which is placed in RS1-shaped channel on the heating plate of the warmer.
- 🔊 Blood Infusion Warmer is an indirect heating device (dry heat warmer) and can be used repeatedly with standard IV infusion tubing set.
- 🔊 Infusion fluid is automatically to the set temperature in short time.
- 🔊 Acoustic and visible alarming from over-temperature.
- 🔊 Automatic power cut-out protect patient from overheat of fluid.
- 🔊 Low flow rate infusion in ICU.



## Technical Specification:

General Specification	
<b>Power</b>	Rechargeable Lithium battery
<b>Tube sizes</b>	3.0 – 5.0 mm
<b>Flow rate</b>	KOV-600ml/hr. [against temperature span : 30°C-41°C max. 720ml/hr.
<b>Classification</b>	Class I / Type B
<b>Operation Condition</b>	5-40°C; Relative humidity ≤ 80%

## Product Code:

Product	Size	Code
<b>Blood Infusion Warmer</b>	-	03G01

## Biphasic Defibrillator - 03H01

Advin Health Care Offers Biphasic Defibrillator With International quality standards. Biphasic Defibrillator is designed to emergency responder to use the clinical Automatic External Defibrillator (AED) in the emergency. biphasic defibrillators deliver current in two directions. In the first phase, the current moves from one paddle to the other as with monophasic defibrillators. During the second phase, the current flow reverses direction.

## Advanced Features:

- 🏠 Application: ICU, Cardiovascular, Emergency
- 🏠 Operation Mode: Manual, Semi-Automatic, Automatic
- 🏠 Lithium-ion rechargeable internal battery
- 🏠 Display :- 7"color TFT
- 🏠 Operation :- User adjustable high & low limit , Audible and visual alarming
- 🏠 Alarm :- 24 hrs Graphical and tabular trend of ECG, SPO2 , NIBP ETCO2
- 🏠 Charge Discharge Control: - Charge and shock button on front panel and paddles



## Technical Specification:

### General Specification

<b>Display</b>	7" Colour TFT
<b>Display Area</b>	150 mm x 90 mm
<b>Dimensions</b>	220 D x 330 W x 280 H mm
<b>Weight</b>	6 Kgs.
<b>Operation</b>	User adjustable high & low limit, and visual alarming
<b>Alarm</b>	24 hr graphical and tabular trend of ECG, SpO2, NIBP, ETCO2
<b>Unit ON-Off</b>	By front panel keyboard, encoder
<b>Charge / Discharge Control:</b>	Charge and shock button on front panel & paddles.

### ECG

<b>Frequency response</b>	0.5 Hz to 35 Hz
<b>Patient Isolation</b>	Optical Isolation
<b>Lead Selection</b>	Lead I, II & III
<b>Gain setting</b>	0.5 ,1 & 2
<b>CMRR</b>	>90db
<b>Sweep Speed</b>	12.5, 25.0, 50.0 mm/sec

<b>Digital filter</b>	Digital Signal processing for good quality of ECG
<b>ECG trace viewing</b>	4 second ECG traces can be viewed

### Printer

<b>Paper Type</b>	Thermal paper 50/55 mm width, 20mtr. length
<b>Event printing</b>	Prints 5 sec. ECG with date, Time and mode, shock status
<b>ECG in Defib/ Monitor Mode</b>	Prints last 10 sec ECG through paddle
<b>Print Annotates in Defib / Monitor Mode</b>	Date, Time, Mode, Lead Name, Gain, Sweep speed.
<b>Manual Defib Check Mode</b>	Prints status of shock, energy, date, time.

### Defib (Extrenal Paddles)

<b>Operating Mode</b>	Manual
<b>Waveform</b>	Biphasic
<b>Energy</b>	2 to 200J in 12 steps selection
<b>Energy Display</b>	Display selected and charged / delivered energy
<b>Synchronous Cardio version</b>	Energy delivery begins with in 60 ms of the QRS peak
<b>Charging Time</b>	6 sec.
<b>Paddles Assembly</b>	External Paddles assembly with call, Retractable high voltage cable, adults and paediatrics paddles integrated to same handles .
<b>Check Mode</b>	Manual check mode
<b>Patient impedance Range</b>	35ohm to 250ohm
<b>Shock Delivery</b>	Through paddles / pads

### Defib (internal Paddles) (Optional)

<b>Operating Mode</b>	Manual
<b>Waveform</b>	Biphasic
<b>Energy</b>	2 to 50J in 8 steps
<b>Synchronous Cardio Version</b>	Energy delivery begin within 60 ms of the QRS peak
<b>Charging Time</b>	6 sec.
<b>Paddle Assembly</b>	Internal Paddle assembly with paddle extension cord

### Heart Rate

<b>Range</b>	10 – 250 BPM
<b>Accuracy</b>	±2 BPM
<b>Resolution</b>	1 BPM
<b>Tone</b>	Beep on every QRS detected

<b>Alarm Limit setting</b>	10 – 250
<b>Power Supply</b>	
<b>Input</b>	220 V -240 V Ac 50 Hz
<b>Battery</b>	12 V, 4.5 Ah, Rechargeable
<b>Back up time</b>	3 Hr, min, on full charge in ECG mode 70 – 100 shock of 150 J delive
<b>Power Consumption</b>	30 W in ECG Mode.

### Product Code:

Product	Size	Code
<b>Biphasic Defibrillator</b>	-	03H01



## Automatic External Defibrillator (AED)- 03H02

Advin Health Care Provide Automatic External Defibrillator With International quality standards. AED (Automatic External Defibrillator) is designed to prepare the emergency responder to use the clinical Automatic External Defibrillator (AED) in the emergency.

### Advanced Features:

- 👉 Three-step defibrillation process
- 👉 Two-button operation
- 👉 Extensive voice and visual prompts for the operator
- 👉 Biphasic energy output
- 👉 Lock-out protection to prevent inadvertent defibrillation
- 👉 PC-based event review (optional)
- 👉 There are FULLY and Semi auto scenarios selectable



## Technical Specification:

<b>Defibrillation</b>	
<b>Type</b>	Semi-automatic external defibrillation
<b>Waveform</b>	Biphasic Truncated Exponential
<b>Energy</b>	Adult: 150 J Paediatric :50 J
<b>Charging Time</b>	6 to 9 sec.
<b>Voice Prompts</b>	Extensive voice prompts guide user through operation of the unit and CPR
<b>CPR Pacing</b>	Metronome
<b>Defibrillation/ Monitoring Pads</b>	
<b>Type</b>	Pre connected, Single use, Non polarized, Disposable, Self-adhesive Electrodes with cable and connector
<b>Surface Area</b>	Adult: 103 cm Paediatric: 50 cm <sup>2</sup> (nominal Each Pad)
<b>Pad Placement</b>	Adult – Anterior Child – Anterior / Infant – Anterior & Posterior
<b>Cable Length</b>	122cm
<b>Battery Power</b>	15 V, 2800mAh/ 1400mAh
<b>Capacity</b>	300 shocks, 16 Hr continues operation
<b>Standby Life</b>	7 year
<b>Indicator</b>	Low battery indicator Visual, Audible
<b>Self-Tests</b>	Automatic daily, weekly, month and quarterly circuitry tests
<b>Battery insertion</b>	System integrity test on battery insertion
<b>Pad presence</b>	Pads pre-connected tested daily
<b>User – initiated</b>	Unit and battery pack system test may also be

**Status indication**  
**Size**

initiated by the user  
Visual and audible indication of unit's status  
22 x 30 x 7 cm

**Product Code:**

Product	Size	Code
<b>Automatic External Defibrillator</b>	22 x 30 x 7 cm	03H02



**Piston Nebulizer- 03I01**

Advin Health Care Provide Piston Nebulizer With International quality standards. Nebulizers can be used to treat your asthma with daily maintenance medication or to deliver life-saving medications when you experience an asthma attack.

## Advanced Features:

- 🕒 Effective medication delivery
- 🕒 One button operation
- 🕒 Ideal for all ages
- 🕒 Small size and light weight
- 🕒 Quiet operation



## Technical Specification:

### General Specification

<b>Power Supply</b>	100-240V AC, 50/60Hz
<b>Particle Size</b>	3µm
<b>Flow Rate</b>	5 - 8L/Min
<b>Noise</b>	55 dB
<b>Pressure</b>	35 PSI to 50 PSI [241KPa to 345 KPa]
<b>Weight</b>	1.2Kgs

## Product Code:

Product	Size	Code
<b>Piston Nebulizer</b>	-	03101

## Ultrasonic Nebulizer – 03102

Advin Health Care Provide Ultrasonic Nebulizer With International quality standards. In medicine, a nebulizer is a drug delivery device used to administer medication in the form of a mist inhaled into the lungs. Nebulizers are commonly used for the treatment of asthma, cystic fibrosis, COPD and other respiratory diseases or disorders.

## Advanced Features:

- 🕒 Medical spray function, Indoor humidification
- 🕒 Suitable for surroundings, which need faint scent or disinfectant, or increasing humidity
- 🕒 It has a 350ml reservoir, more convenient for use
- 🕒 Facial cleaning & beauty care
- 🕒 Activated carbon filtration and purification functions effectively remove dust, bacteria
- 🕒 Applying over 1MHz ultrasonic nebulizer mist to clean the face is very effective & it is usual skin care method, Convenient & comfortable



## Technical Specification:

### General Specification

<b>Power Supply</b>	220 V AC – 60Hz
<b>Input Power</b>	50 VA
<b>Ultrasonic Frequency</b>	1.7MHz ±10%
<b>Max. volume of the little atomizing cup</b>	150ml
<b>Max. volume of the big atomizing cup</b>	350ml
<b>Max. Mobilizing rate</b>	≥ 3ml/min
<b>Volume sink</b>	300 ml
<b>Continuous working time</b>	≥ 4hr.
<b>Time Range</b>	0-60min
<b>Noise</b>	<50dB
<b>% of MMD</b>	5µm
<b>Relative Humidity</b>	53%
<b>Weight</b>	1.8Kg
<b>Dimension</b>	24.7 x 14.0 x 20.1 cm

## Product Code:

Product	Size	Code
<b>Ultrasonic Nebulizer</b>	24.7 x 14.0 x 20.1 cm	03I02

# Advin

## Health Care





### Mesh Nebulizer – 03I03

Advin Health Care Provide Mesh Nebulizer With International quality standards. Mesh nebulizers are the newest innovation of nebulizer product to the market. They use with tiny holes to help dispense medication into particle sizes that can be easily and comfortably



a mesh cap  
consistent  
inhaled.

## Advanced Features:

-  Simple Operation Easily Operate
-  Portable, Noiseless
-  Rapid response
-  Rechargeable Battery

## Technical Specification:

### General Specification

<b>Operation Mode</b>	Mesh Technology
<b>Power consumption</b>	1.5W
<b>Medication Cup capacity</b>	8 ml
<b>Vibrating Frequency</b>	120KHz
<b>Nebulisation Rate</b>	0.5-0.8 ml/min
<b>Suitable For</b>	Adult, Paediatric & Child

## Product Code:

Product	Size	Code
<b>Mesh Nebulizer</b>	-	03103

## Aero Spacer – 03104

Advin Health Care Provide Aero Spacer With International quality standards. A holding chamber or "spacer", such as an aero chamber helps your child use a metered dose inhaler. Metered Dose Inhalers are used to get medicine directly into the lungs where it is needed. This allows the medicine to work quicker than the same type of medicine taken by liquid or pill form.

## Advanced Features:

- 👉 High efficiency one way valve for easy inhalation and exhalation
- 👉 Soft and flexible silicone mask provides comfortable touch and reliable seal
- 👉 Portable design & easy holding
- 👉 Universal backpiece
- 👉 Small, medium & large facemask to cater to the different needs



## Technical Specification:

General Specification		
<b>Material</b>	Silicon	
<b>Chamber volume</b>	175 ml	
<b>Size guide</b>	Small: 0-18months Medium: 12 months - 5 years Large: 5 years - adult	
<b>Product Code:</b>		
<b>Product</b>	<b>Size</b>	<b>Code</b>
<b>Aero Spacer</b>	-	03I04

## ICU Ventilator – Adult – 03J01

Advin Health Care Offers ICU Ventilator With International quality standards. A ventilator is a machine that helps you breathe when you're sick, injured, or sedated for an operation. It pumps oxygen-rich air into your lungs. It also helps you breathe out carbon dioxide, a harmful waste gas your body needs to get rid of.

## Advanced Features:



- 🏠 Invasive and Non-Invasive Ventilation
- 🏠 Suitable For adult, paediatric & neonatal
- 🏠 Built-in turbine technology
- 🏠 Pressure & Flow waveforms with Trends Facility
- 🏠 FiO Measurement
- 🏠 Patient History storage capability
- 🏠 Altitude compensation
- 🏠 2000 Events storage
- 🏠 Key lock: Key & LCD Radiogram Touch Screen Lock
- 🏠 Alarm reset: Clears visual indicators and messages
- 🏠 APNEA backup with option PACV, VACV with pressure limit

## Technical Specification:

General Specification	
<b>Display Screen</b>	8" Screen with Touch Control & Rotary Knob
<b>Parameters</b>	Set Parameters / Measured Parameters / Alarm Status / I:E Ratio
<b>Waveforms</b>	Pressure-Time, Flow-Time, Volume-Time
<b>Modes</b>	PACV, PSIMV, VACV, VSIMV, AUTO (Emergency Quick Start), Spont+CPAP, PRVC, ACPAP+, PRVC+SIMV, O2 Stream
<b>Loops</b>	Pressure-Volume, Flow-Volume, Pressure-Flow
<b>Tidal Volume</b>	50–2500 ml, PCV Mode TV range : 10–2500ml
<b>PEEP/CPAP</b>	0–45 cmH <sub>2</sub> O
<b>Pressure Support</b>	0–60 cmH <sub>2</sub> O (PEEP+PSV < 100cmH <sub>2</sub> O)
<b>Respiratory Rate</b>	2–120 bpm
<b>Inspiratory Pressure</b>	5–80 cmH <sub>2</sub> O (PEEP+Pins<100cmH <sub>2</sub> O)
<b>Inspiratory Pressure Limit</b>	5–80 cmH <sub>2</sub> O
<b>Inspiratory Flow</b>	(-)6–120 L/min (Adult), (-)6–30 L/min (Pediatric and Neonatal)
<b>Inspiratory Time</b>	0.1–9.9 sec
<b>Apnea Time</b>	2–60 sec
<b>Apnea Backup Type</b>	PACV, VACV Mode, backup with insp. pressure, Tv
<b>Alarms</b>	Airway Pressure / Tidal Volume / Minute Volume / Respiratory Rate / Apnea / O <sub>2</sub> % / Airway Leak /

<b>Power</b>	Circuit Open / Battery 2 Indicator / O2 Supply Pressure Failure / Ventilator In-operative/ Air Obstruction
<b>I:E Ratio</b>	AC: 100–240V 50–60 Hz, DC : 10.8V, 8.8A , Power Consumption : 105W
<b>Rise Time (in PCV)</b>	1:9.9–2.5:1
<b>Trend</b>	Fast, Medium, Slow (0–2 sec)
<b>Power Backup</b>	72 hrs
<b>FiO2%</b>	6 Hrs. internal battery backup
<b>Nebulizer (time)</b>	21%–100%
<b>Suitable Body Weight</b>	10–180 mins (3 Hours)
	Volume Mode: 10–150 kg (Paed., Adults), Pressure Mode: 1–150 kg (Neo., Paed., Adults)

### Physical Specifications

<b>Dimensions (W x D x H)</b>	250mm x 156mm x 371mm
<b>Weight</b>	7.5 kgs

### Product Code:

Product	Size	Code
<b>ICU Ventilator – Adult</b>	250mm x 156mm x 371mm	03J01

## Auto C-PAP- 03K01

Advin Health Care Provide AutoC-PAP With International quality standards. Continuous positive airway pressure (CPAP) therapy is a common treatment for obstructive sleep apnea. Auto CPAP machine uses a hose and mask or nosepiece to deliver constant and steady air pressure.

### Advanced Features:

 High Reliability



- 👉 High Performance
- 👉 Color LCD Display
- 👉 Innovative with Dual Water chambers
- 👉 High Reliability, High Performance
- 👉 More information – Less information input
- 👉 Eco Smart warm up, high efficiency and lower water
- 👉 With Humidifier

## Technical Specification:

### General Specification

<b>Power Supply</b>	240V AC, 50Hz
<b>Power Consumption</b>	< 60VA
<b>Display</b>	3.5"LCD display
<b>Pressure Range</b>	4 ~ 20 hPa
<b>Sound pressure level</b>	<30dBA
<b>Work mode</b>	Auto CPAP, CPAP
<b>Mode of operation</b>	Continuous
<b>Weight</b>	2.5KG
<b>Dimension</b>	290 x 194 x 118 mm

## Product Code:

Product	Size	Code
<b>Auto CPAP</b>	290 x 194 x 118 mm	03K01

## BI-PAP (BI-Level Positive Airway pressure )- 03K02

Advin Health Care Offers BI-PAP (BI-Level Positive Airway pressure ) With International quality standards. BI-level Positive Airway Pressure (BI-PAP) Machine accurate and comfortable therapy.

## Advanced Features:

- 👉 High Efficiency Humidification
- 👉 Higher motor performance
- 👉 Non-invasive Ventilation



- 📺 2.4 inches Color LCD display
- 📺 Real Time Pressure and Flow Wave display
- 📺 With Humidifier
- 📺 Quieter therapy output
- 📺 Masks: Full Face Mask

## Technical Specification:

### General Specification

<b>Mode</b>	CPAP, Auto, S, T, S/T
<b>Display</b>	2.4" LCD display
<b>Power Supply</b>	100-240V AC 50/60Hz
<b>Power Consumption</b>	<60VA
<b>Pressure</b>	4 – 20 cm H2O
<b>Reslex</b>	0-3
<b>Humidity Level</b>	0 – 5
<b>Ramp P</b>	4cm H2O
<b>Max Ramp</b>	0 – 60 mins
<b>Ramp Time</b>	0 – Max Ramp
<b>Storage</b>	8 GB supported SD card
<b>Ti Min</b>	0.1s – Ti Max
<b>Ti Max</b>	0.3s – 3.0s
<b>Tidal volume</b>	150 – 1500ml
<b>Weight</b>	2.5KG
<b>Dimension</b>	29.0 x 19.6 x 13.4 cm
<b>Optional</b>	<ul style="list-style-type: none"> <li>📺 Nasal mask</li> <li>📺 SPO2 Kit</li> <li>📺 25 S/T mode</li> <li>📺 30 S/T mode</li> </ul>

## Product Code:

Product	Type	Code
<b>BI-PAP</b>	25 S/T Mode	03K0220
<b>BI-PAP</b>	30 S/T Mode	03K0225

# Advin Health Care

## Oxygen Concentrator with nebulizer- 03L01

Advin Health Care Provide Oxygen Concentrator With International quality standards. An oxygen concentrator takes in air and removes nitrogen from it, leaving an oxygen enriched gas for use by people requiring medical oxygen due to low oxygen levels in their blood.

### Advanced Features:

- 👤 Large LCD display
- 👤 PSA - Pressure swing adsorption technology and adjustable flow rate



-  Dehumidify function.
-  Over failure alarm, pressure alarm, low purity alarm

## Technical Specification:

### General Specification

<b>Power Supply</b>	100-240V AC, 50/60Hz
<b>Power Consumption</b>	5Kw
<b>Flow Rate</b>	0 - 5L/Min
<b>Purity</b>	93 + 3%
<b>Outlet Pressure</b>	0.04 – 0.07 MPa
<b>Sound</b>	50dB
<b>Display</b>	LCD display show in switch time, operating pressure, present working time, accumulating time, presetting, time from 10 min to 40 hr.
<b>Alarm</b>	Power Failure alarm, High & low Pressure Alarm
<b>Weight</b>	26Kgs
<b>Size</b>	36.5 L x 37.5 W x 60H cm
<b>Optional</b>	Available in Dual Flow (The dual flow rate configuration allows two users to inhale oxygen at same time by sharing one machine.)

## Product Code:

Product	Size	Code
<b>Oxygen Concentrator</b>	Single Flow	03L01
<b>Oxygen Concentrator</b>	Dual Flow	03L02

# Advin Health Care

## DVT Pump – 03N01

Advin Health Care Provide DVT Pump With International quality standards. DVT Pump (deep vein thrombosis) functions as a prophylaxis for deep vein thrombosis by using an effective combination of graduated sequential compression and rapid impulse inflation.

### Advanced Features:

- 👉 Low profile, Light weight
- 👉 Alarm visual and audible
- 👉 One push of a button selects single leg operation
- 👉 Automatic cuff detection



- ☺ Breathable and comfortable cuff
- ☺ One pump for cuff, foot cuff provides for ease of use and minimize inventory
- ☺ Systems identifies and adjust pressure based on cuffs attached.

## Technical Specification:

General Specification	
<b>Power Supply</b>	240V AC, 50Hz
<b>Power Consumption</b>	30W
<b>Therapy size</b>	Air compressor pressure therapy 24 x 18 x 11 cm
<b>Compression therapy Pressure</b>	A / B / C modes for compression 20 – 250mmHg
<b>Treatment time</b>	10 – 30 mins
<b>Application</b>	<ul style="list-style-type: none"> <li>☺ lymph edema related therapy</li> <li>☺ Rheumatic Osteoarthritis Is</li> <li>☺ Claudicating</li> <li>☺ Muscle Atrophy</li> <li>☺ Slimming and Contouring &amp; pressure therapy</li> </ul>

## Product Code:

Product	Size	Code
<b>DVT Pump</b>	-	03N01

## Spirometer - 03001

Advin Health Care Provide Spirometer With International quality standards. Spirometry is used to diagnose asthma, chronic obstructive pulmonary disease (COPD) and other conditions that affect breathing. Spirometry may also be used periodically to monitor your lung condition and check whether a treatment for a chronic lung condition is helping you breathe better.

## Advanced Features:

- ☺ Effective design
- ☺ High performance frame
- ☺ Long functional life
- ☺ Inhaled capacity



- 👉 Compact, high quality break-resistant plastic
- 👉 3-ball inhaling breath measurement system
- 👉 Deep breathing Exerciser for comprehensive respiratory fitness
- 👉 3 chambers for differing inhalation rates- from 600cc/sec - 1200 cc/ sec

## Product Code:

Product	Size	Code
<b>Spirometer</b>	-	03001



## Digital Spirometer – 03002

Advin Health Care Provide Digital Spirometer With International quality standards. Spirometry is used to diagnose asthma, chronic obstructive pulmonary disease (COPD) and other conditions that affect breathing.

Spirometry may also be used periodically to monitor your lung condition and check whether a treatment for a chronic lung condition is helping you breathe better.

## Advanced Features:

- 👉 Forced Vital Capacity (FVC), Forced Expired Volume in one second (FEV1), FEV1 and FVC Ratio (FEV1%)



- 👉 Peak expiratory flow (PEF), 25% flow of the FVC (FEF25), 75% flow of the FVC (FEF75) and average flow between 25% and 75% of the FVC (FEF2575) can be measured
- 👉 Flow rate, volume-time waveform display
- 👉 Inner flash memory for data review and storage where the data can also be uploaded to computers
- 👉 Light weight and portable
- 👉 Simple operation and rapid test results
- 👉 Basic analysis and general state explain
- 👉 Information prompts when volume or flow goes beyond the limits.
- 👉 Automatic power off after 1 minute idle time
- 👉 Rechargeable lithium battery (DC 3.7V)
- 👉 Battery indication

## Technical Specification:

### General Specification

<b>Display</b>	1.8" TFT color screen, LED
<b>Resolution</b>	160 x 128 Pixels
<b>Volume Range</b>	0 – 10 L
<b>Volume Accuracy</b>	± 3% or 0.05L (whichever is greater)
<b>Flow Range</b>	1 L/S ~16L/S
<b>Flow Accuracy</b>	± 10% or ± 0.3L/s (whichever is greater)
<b>Power Consumption</b>	60mA
<b>Power</b>	DC3.7 V rechargeable LI Battery
<b>Weight</b>	0.200Kg
<b>Dimension</b>	97 mm x 89 mm x 36 mm

## Product Code:

Product	Size	Code
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## Peak Flowmeter - 03003

Advin Health Care Provide Peak Flowmeter With International quality standards. A peak flow meter is a small device that helps you check how well your asthma is controlled. Peak flow meters are most helpful if you have moderate to severe persistent asthma.

### Advanced Features:

- 👉 Compact, lightweight and portable
- 👉 Built-in flexible three -zone management system
- 👉 Design for adults
- 👉 Washable
- 👉 Easy- to- read numbers
- 👉 Measurement Range 60-800 L/min
- 👉 Accuracy and repeatability assurance



- 👉 Suitab
- 👉 le for use with disposable mouthpiece

## Product Code:

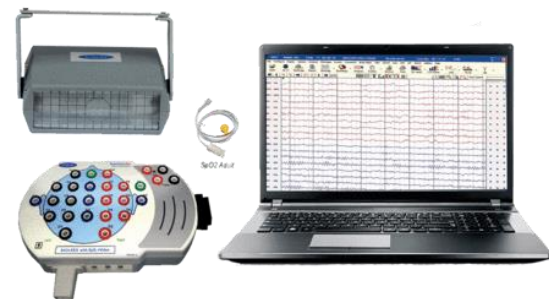
Product	Size	Code
Peak flowmeter	-	03003

## EEG Machine – 03P01

Advin Health Care Provide EEG Machine With International quality standards. EEG results show changes in brain activity that may be useful in diagnosing brain conditions, especially epilepsy and other seizure disorders. An electroencephalogram (EEG) is a test that detects electrical activity in your brain using small, metal discs (electrodes) attached to your scalp.

### Advanced Features:

- 👉 Highly portable EEG module
- 👉 Online and offline reformatting of Gain, Filter and Sweep Speed
- 👉 Most User- Friendly tool bar
- 👉 Operates entirely via PC/LApatop USB Power
- 👉 Integrated SpO2 technology
- 👉 Facility for deleting events and comments
- 👉 Facility for online and/or offline editing and marking of events and comments
- 👉 Highly advanced database management system with multiple search options



📹 HD video camera with remote controlled tilt, pan and zoom, available on request

## Technical Specification:

General Specification	03P01(24)	03P01 (32)
<b>Size</b>	192 L x 136 W x 42 H	
<b>Weight</b>	<360 gram	
<b>No. of Display channels</b>	24	32
<b>No. of Input channels</b>	24	32
<b>Photo stimulator</b>	High intensity white LEDs	
<b>Electrical</b>		
<b>Power supply</b>	USB Powered	
<b>EEG</b>		
<b>Frequency Band Range</b>	0.1 to 100Hz	
<b>Input Impedance</b>	>10 M $\Omega$	
<b>Noise</b>	< 1UV P-P	
<b>Input Range</b>	$\pm 8$ mv	
<b>CMRR</b>	>110 db	
<b>Sampling</b>	4096 Hz for at ADC, 256 Hz for internal storage	
<b>A/D conversion</b>	24 Bit	
<b>Impedance Measurement</b>	Automatic ,built in Yes	
<b>High Cut Filter(digital)</b>	0.5 – 100Hz	
<b>Low Cut Filter (digital)</b>	0.1-7Hz	
<b>Notch Filter(digital)</b>	50/60Hz	
<b>Time Resolution</b>	7.5, 15, 30, 60 mm/s	
<b>Flash Rate</b>	1-60Hz	
<b>Required Hardware configuration</b>		
<b>Operating System</b>	Windows 7/8/10	
<b>Processor</b>	i3 ( 7th Gen)	
<b>RAM</b>	4G(if Windows 7), 8GB (if Windows 8/10)	
<b>Screen Resolution</b>	1024 x768 or Higher	

## Product Code:

Product	Channel	Code
<b>EEG Machine</b>	24	03P0124
<b>EEG Machine</b>	32	03P0132

## EMG Machine – 03Q01

Advin Health Care Offers EMG Machine With International quality standards. Electromyography (EMG) is an electrodiagnostic medicine technique for evaluating and recording the electrical activity produced by skeletal muscles.

EMG is performed using an instrument called an electromyograph to produce a record called an electromyogram.

### Advanced Features:

- 👉 The Modular hardware concept Allowa up to 8 amplifier channels
- 👉 Specification Function Keys support the optimal handling during examination and evaluation
- 👉 Powerful integrated stimulators
- 👉 Integrated operation panel
- 👉 Convenient controls and intuitive user interface
- 👉 Extermely low nois amplifiers
- 👉 Strudy cart with arm



## Auditory Stimulator:

- 👂 Auditory headphones with stim types click, Tone-Pip or Tone-Burst
- 👂 Stimulus intensity of 0-100dB nHL.
- 👂 Tone frequencies 250Hz to 7.5 KHz.
- 👂 Tone –Pip/Burst envelopes viz Linear, Gaussian, Blackman, Hanning Rectangle.
- 👂 Intensity Units: nHL/SPL.

## Visual Stimulator:

- 👁️ Video Monitor visual stimulator with user definable rate, color pattern, intensity control and a variety of patterns i.e. checks, bars.
- 👁️ User selectable color pattern(foreground and background).
- 👁️ Photic Flash rate 5-20Hz(optional).
- 👁️ LED goggles(optional).

## Application software

- 👁️ PC based system where data can be stored on a computer and printouts can be taken

from any color or B/W printer compatible with windows.

## Following categories of tests can be done

- 👉 Nerve Conduction studies includes MNC, SNC, F-wave, H-reflex, Blink- Reflex, RNS.
- 👉 Electromyography studies includes spontaneous EMG Quantitative EMG, Interferences pattern. Single Fiber EMG.
- 👉 Evoked Potentials studies includes BERA, VEP, Sep MLR, LLR, P300.
- 👉 HRV, SSR.

## Accessories Included

- 👉 NCV Electrodes
- 👉 Disc Electrodes
- 👉 Sensory Ring Electrodes
- 👉 EMG Needle Electrodes
- 👉 Shock Stimulator
- 👉 EMG Speakers
- 👉 Ground Electrodes
- 👉 Bar Electrodes
- 👉 EP Electrodes
- 👉 Jumper Cables
- 👉 Conductive Gel
- 👉 Foot Switch

## Technical Specification:

### Fully Computerized EMG System With 2/4/8 Ch facility

#### Display

<b>Sensitivity from Sweep</b>	0.1 $\mu$ /divn to 50mV/divn
<b>Number of Traces</b>	1mS/divn to 1000 mS/divn
	1 to 20

#### Amplifier

<b>Dual Channel</b>	Miniature Module
<b>Gain</b>	50 to 20000 with Fine control
<b>Dynamic Range</b>	100mV at min. Gain

<b>Resolution</b>	0.02 $\mu$ V at max. Gain
<b>Noise Level</b>	0.4 $\mu$ VRMS 100Hz to 10KHz)
<b>Input impedances</b>	> 10M $\Omega$ CMMR > 100db
<b>High Filters</b>	100Hz to 20 KHz
<b>Low Filter</b>	DC to 300 Hz

### A/D Conversion

#### 16 bit SAR

<b>Sampling rate</b>	Up to 80Khz
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### Electrical Stimulator

#### Dual mode Operation

<b>Pluse Width</b>	20 micro Sec. to 1000 micro Sec.
<b>Variable Slim Rate</b>	0.1 to 30 Hz

#### Current Mode

<b>Stim Level</b>	0 to 100 mA
<b>Variable Voltage Limit</b>	50 to 400 V

#### Voltage Mode

<b>Stim Level</b>	50 to 400 Volts
<b>Variable Current limit</b>	0 to 100 mA

### Product Code:

Product	Size	Code
<b>EMG Machine</b>	-	03Q01

## TMT Machine – 03R01

Advin Health Care Provide TMT Machine With International quality standard. TMT Test is also known as Cardiac Stress Test. TMT test is used to examine the Coronary Circulation while the patient is in an idle condition with the same patient exposing to excess pressure or stress. By this test, it will show if there are any abnormal blood flow to the heart muscle tissue.

### Advanced Features:

- 🏠 Source Consistency Filter designed to remove noise and maintain ECG integrity
- 🏠 Ergonomic treadmill
- 🏠 Label, store, print & review events on the fly and include them in final report
- 🏠 Effective GUI and aesthetic
- 🏠 Examine historical ECG data throughout the exam with real-time full disclosure
- 🏠 Smooth pixelization-free waveform
- 🏠 Flexible display windows, user configurable with intuitive interface
- 🏠 Flexible print pages with total preview



👤 Accurate beat detection and ISO, J, post J point marking and results calculation

## Technical Specification:

General Specification	
<b>Size</b>	12.5 cm L x 7.55 cm W x 2.55cm H
<b>Weight</b>	< 100g
<b>Paper</b>	Normal A4 Size/ ECG Graph Paper
<b>Printout</b>	12 Channel
Display	
<b>PC</b>	Monitor
PC Communication	
<b>Interface</b>	USB Port
Electrical	
<b>Power supply</b>	Powered via USB
<b>Operation</b>	DC operation
ECG	
<b>CMRR</b>	>110db
<b>Input Impedance</b>	>100 MΩ on each electrode
<b>Frequency Response</b>	0.05 Hz – 150 Hz
<b>Time Constant</b>	3.2 seconds
<b>Sensitivity</b>	2.5,5,10,20,40,80 mm/mv
<b>Chart speed</b>	5,6.5,12.5,25,50,100 mm/sec
<b>Filter</b>	Complete digital processing to reduce mains interference, muscle tremors and base line wander
<b>Pace maker detection</b>	>± 2mV /0.1 ms
<b>Defibrillation Prot.</b>	Internal at apparatus
<b>Print Out</b>	User configurable printing Formats
<b>Operating Modes</b>	Auto , Manual
<b>Indications</b>	Open Electrode on screen
Tread Mill	
<b>Dimension</b>	194 cm x 82 cm
<b>Walking Area</b>	150 cm x50 cm
<b>Grade</b>	0 to 22 %
<b>Speed</b>	0.8 to 16 Kmph
<b>Max. Load</b>	< 200Kg
<b>Net Weight</b>	< 100 Kg
<b>Front Handle bar Height</b>	104 cm
<b>Side Handle bar Height</b>	104 cm
<b>Control</b>	Optically / Digitally isolated USB

<b>Electrical</b>	
<b>Power input</b>	100-240 V,50/60 Hz, 1410 rpm
<b>Motor Power</b>	2 HP (1.5 KW)
<b>Minimum Hardware Requirement</b>	
<b>Processor</b>	Pentium Dual Core
<b>Windows</b>	7/8/8.1/10
<b>Ram</b>	4GB
<b>Architecture</b>	32/64 bit






## Product Code:

Product	Size	Code
<b>TMT Machine</b>	12.5 cm L x 7.55 cm W x 2.55cm H	03R01

## Blood Pressure Monitor - 03T01

Advin health care Provides Blood Pressure Monitor with international quality standards. Blood pressure monitor is used to measure blood pressure.

### Advanced Features:

-  Portable
-  LCD display
-  Available with voice prompt
-  Color Display
-  USB type cable



### Technical Specification:

#### General Specification

<b>Measurement method</b>	Oscillometric method
<b>Blood Pressure Measure Range</b>	20 – 299 mmHg
<b>Pulse rate</b>	40 – 200 Pulse/min.
<b>Pressure Accuracy</b>	±3 mmHg
<b>Pulse rate Accuracy</b>	±5% of reading

<b>Auto Power off</b>	60 sec. no any operation
<b>Battery life</b>	Around 250 operation
<b>Temperature</b>	10 – 40 ° C
<b>Relative Humidity</b>	15% RH – 90% RH
<b>Storage Temp</b>	-20 to 60° C
<b>Storage Humidity</b>	10% RH – 95%RH
<b>Arm Circumference Measurement Range</b>	Apporx. 22 to 32 cm
<b>Power</b>	DC 6 V “AA” type battery x 4(LR6)
<b>Dimension</b>	125 x 147 x 61 mm
<b>Weight</b>	450 grams

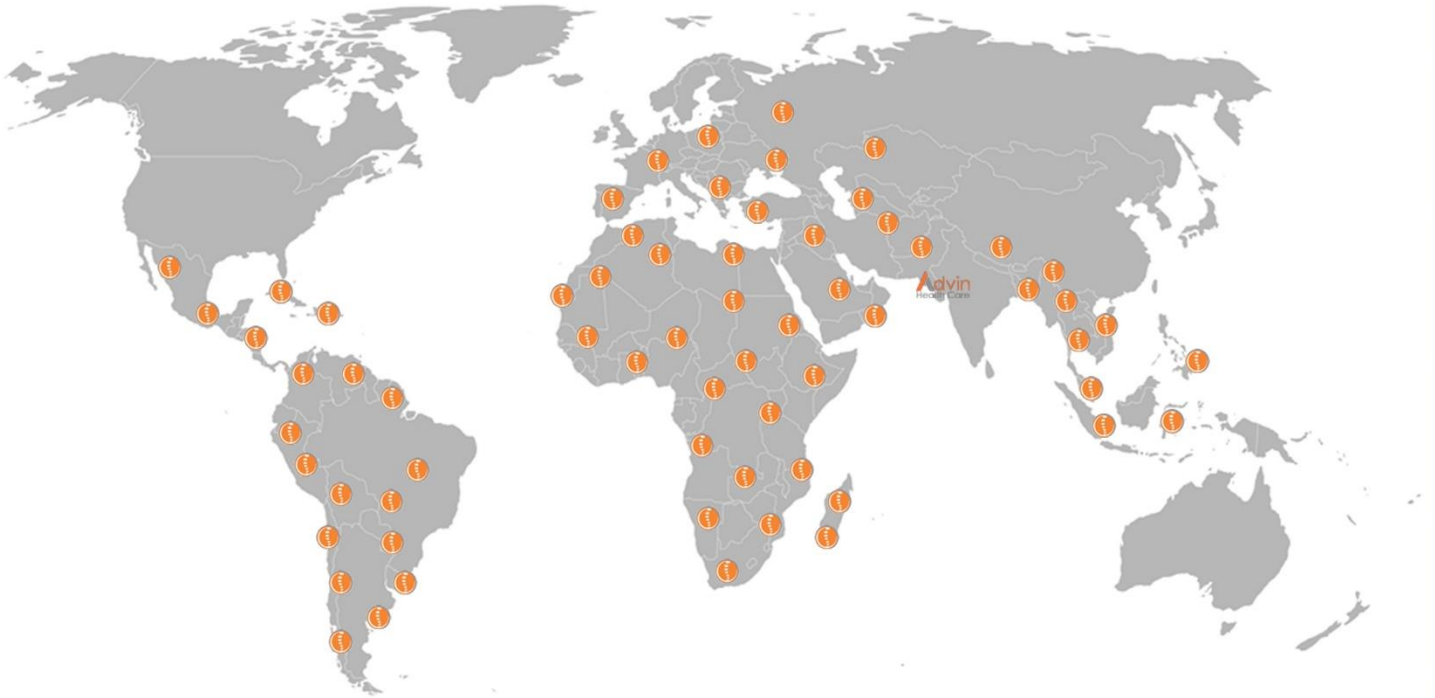
### Product Code:

Product	Size	Code
<b>Blood Pressure Monitor</b>	-	03T01





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