



## □ DIAGNOSTIC PRODUCTS.....

Stethoscopes are often considered as a symbol of the doctor's profession, as doctors are often seen or depicted with a stethoscope hanging around their neck. Auscultation, used together with monitoring blood pressure is a fundamental diagnostic measure in medical practice. A correct diagnosis leads to correct treatment. Our diagnostic tools help you help others.

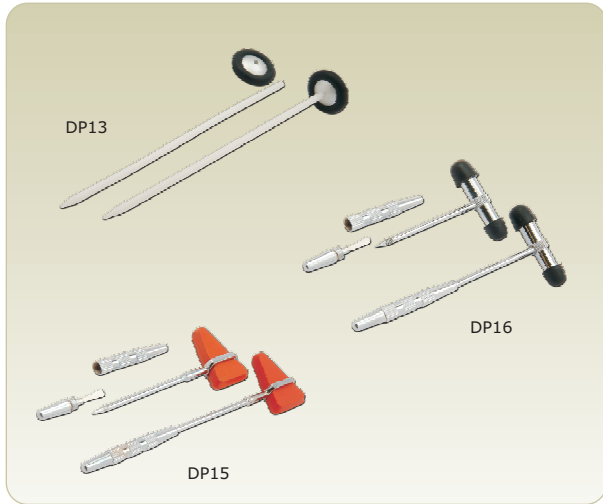
..to the  
point



### inside

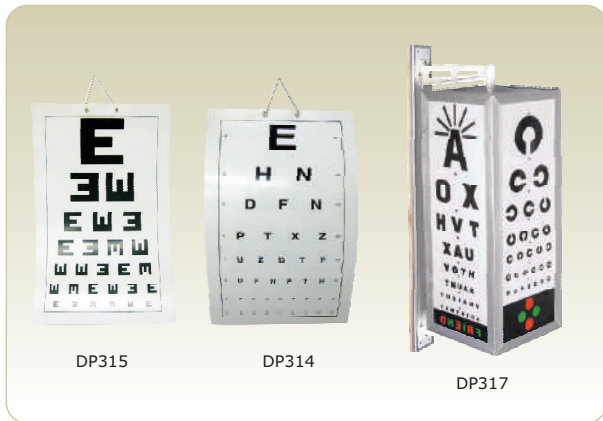
- ▶ Hammers
- ▶ Thermometers
- ▶ Oscopes
- ▶ Ophthalmoscope
- ▶ Diagnostic Sets
- ▶ E.N.T. Sets
- ▶ Stethoscopes
- ▶ Sphygmomanometers (B.P. Apparatus)
- ▶ Patient Monitor
- ▶ ECG Machine
- ▶ Pulse Oximeter
- ▶ EEG

# □ DIAGNOSTIC PRODUCTS.....



## Hammers

- > DP13 : Queen square pattern hammer, plastic flexible handle with round rubber head and reflex point.
- > DP14 : Percussion hammer Taylor model, triangular rubber insert in brass nickel plated solid handle with reflex point.
- > DP15 : Percussion hammer Taylor model, triangular rubber insert in brass nickel plated handle with pin and brush.
- > DP16 : Neurological hammer, double ended with reflex point and brush, T-shape.



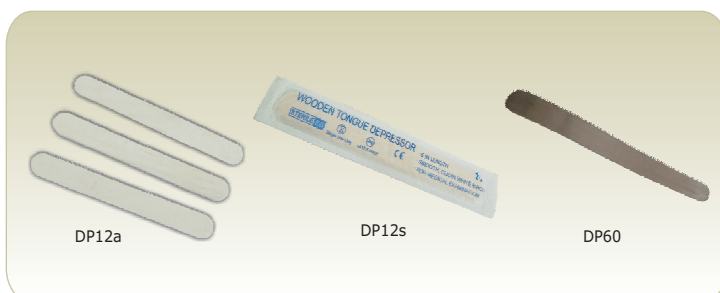
- > DP314 : Snellen Chart Single Sided (for litrate)
- > DP315 : Snellen Chart Single Sided (for Illitrate)
- > DP316 : Snellen Chart Double Sided (for Litrate & Illitrate)
- > DP317 : Snellen Chart Box with Light, Rotatable



- > DP09 : Otoscope (Auroscope) Set, Heins Type, Brass chrome plated battery handle C size, Plastic lens cap and 3 plastic speculae.
- > DP18 : Otoscope (Auroscope) Set, SS battery handle AA size, lens cap and 5 plastic reusable Autoclavable speculae.



- > DP33 : Thermometer Clinical, Prismatic, Dual Scale Range 35°-42°C, 95°-108°F, Economy model
- > DP34 : Thermometer Clinical, Prismatic, Dual Scale Range 35°-42°C, 95°-108°F, Deluxe model
- > DP39 : Thermometer Rectal, Prismatic, Dual Scale Range 35°-42°C, 95°-108°F
- > DP41 : Thermometer Digital, Range 32°-42°C, 89.6°F-107.6°F
- > DP48 : Infrared Non-Contact Scanning thermometer  
Range : Human 32°-42.9°C (89.6°-109.3° F)  
Surface 0°-100°C (32°-212.0° F)  
Animal 32°-45°C (89.6°-112.9° F)  
Distance : 5-15CM Display : Liquid crystal display,  
Resolution 0.1°C (0.1° F) 99 sets memory, Backlight,  
Fever Alarm (over 38c, red light), Low Batteries alarm  
Auto shut off Battery One 3.0V included,  
2 PCS AAA Replaceable



- > DP12a : Wooden Tongue Depressor
- > DP12s : Wooden Tongue depressor, Sterile
- > DP60 : Tongue depressor, Stainless steel.



> DP1800 : Otoscope (Pin Connection System)

2.5V Standard illumination. Chrome Plated handle, 4 x magnifying glasses. Reusable specula 2.5, 3.5, 4.5mm include. Connection for pneumatic Otoscope. Battery handle for 2 x AA size batteries. Rheostat for adjustment of illumination.

Supply : Black soft pouch or hard plastic case



> DP1804 : Otoscope (Pin Connection System)

2.5V Standard illumination. Plastic handle, 4 x magnifying glasses. Reusable specula 2.5, 3.5, 4.5mm include. Connection for pneumatic Otoscope. Battery handle for 2 x AA size batteries. Rheostat for adjustment of illumination.

Supply : Black soft pouch or hard plastic case



> DP1808 : Ophthalmoscope

Halogen Deluxe Ophthalmoscope 2.5V Xenon Halogen Light for true tissue color and consistent, long lasting illumination 24 color coded Lenses 25 to + 40 for excellent resolution (Red for - Green for +) Rubber eye brow rest to prevent scratching of eye-glasses illumination lens dial for Clear Identification of adopter setting. Ophthalmoscope handle for 2 x C size batteries (Batteries not included).

Supply : Black soft pouch or hard plastic case



> DP1812 : Ophthalmoscope with Otoscope

Halogen Deluxe Ophthalmoscope 2.5V Xenon Halogen Light for true tissue color and consistent, long lasting illumination 24 color coded Lenses 25 to + 40 for excellent resolution (Red for - Green for +) Rubber eye brow rest to prevent scratching of eye-glasses illumination lens dial for clear identification of adopter setting. Supply with Otoscope handle for 2 x C Size Battery, 2.5v vacuum light (German Bulbs) High quality magnifying lens and 3 specula (size 2.5, 3.5 and 4.5).

Supply : Black soft pouch or hard plastic case

> DP1816 : Diagnostic Set

Otoscope Head: Chrome plated. Fixed lens 4x in plastic mount may be removed for introductions of instruments.

Reusable specula : (2.5, 3.5 and 4.5mm) included.

Deluxe Ophthalmoscope Head: Lens selection wheel permits choice of corrective lenses from 0 to -25 and 0 to +40 diopters single large circle aperture.

Bent-arm illuminator: Tongue blade holder : Plastic Nasal speculum: Chrome plated two laryngeal mirrors: Number 3 and 4 Battery Handle: Chrome Plated. Rheostat for adjustment of illumination

Require: 2 x C size batteries, replacement bulb 2.5V

Supply: Soft case or black plastic case.



# □ DIAGNOSTIC PRODUCTS.....



DP1820

> DP1820 : Professional Otoscope

Fiberoptic for cool, obstruction free light transmission  
Magnification: 2.5x, Distal dia: 2.5mm, 4mm  
Bulb: 2.5V 1.6W halogen lamp  
Batteries: Two "AA" batteries or two "AA" (not included)  
NiMH rechargeable battery



DP1824

> DP1824 : Professional Ophthalmoscope

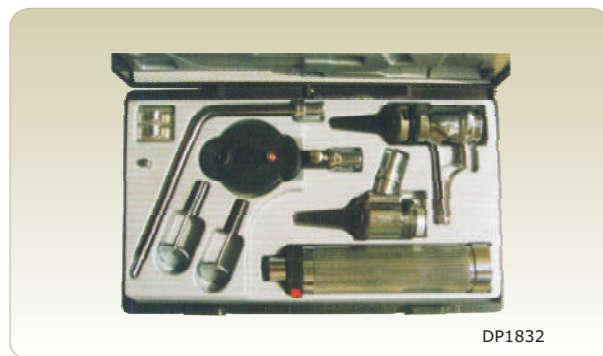
Features: Halogen light for true tissue color and consistent, long-lasting illumination. Apertures: large and small spot, semi-circle, and red-free filter,  
Correcting lenses range: +in 1D steps  
|1-4|6|8|10|15|20|0 & -in 1D steps |1-4|6|8|10|15|20  
Bulb: 2.5V 1.6W Halogen Lamp



DP1828

> DP1828 : Universal Otoscope & Ophthalmoscope Set

1 Otoscope head, 3 reusable metal aural specula of 2.4, 3.2 and 4mm  
1 Ophthalmoscope head, 24 diopter compensation lens  
1 Replacement lamp  
In hard protective deluxe ABS case with sturdy sliding safety catches



DP1832

> DP1832 : Diagnostic Set

1 Otoscope head, 3 reusable metal aural specula of 2.4, 3.2 and 4mm  
1 Ophthalmoscope head, 24 diopter compensation lens  
Nasal speculum expandable, bend arm illuminator, 2 Laryngeal mirrors No. 3 & 4, tongue blade holder, replacement lamp, packed in hard protective ABS case.

> DP1836 : Otoscope cum ophthalmoscope set

Otoscope

Fiberoptics for cool, obstruction free light transmission  
Magnification: 2.5x, Distal dia: 2.5mm, 4mm  
Bulb: 2.5V 1.6W halogen lamp  
Batteries: Two "AA" batteries or two "AA"  
NiMH rechargeable battery (not included)

Ophthalmoscope

Features: Halogen light for true tissue color and consistent, long-lasting illumination. Apertures: large and small spot, semi-circle, and red-free filter,  
Correcting lenses range: +in 1D steps  
|1-4|6|8|10|15|20|0 & -in 1D steps |1-4|6|8|10|15|20  
Bulb: 2.5V 1.6W Halogen Lamp



DP1836

The NET Stethoscopes, professionally designed for international acceptability, cover a wide range of suitability and usage. All stethoscopes have a long one piece moulded P.V.C. tubing, and spare hard/soft earplugs and diaphragms. And of course they are - CE marked. We provide following types of Stethoscopes :



- > ST01 : Stethoscope Regular, lightweight aluminium chestpiece external non chill ring.
- > ST04 : Stethoscope Microfon, durable aluminium chestpiece, anodized, external rubber non chill ring.
- > ST04s : Stethoscope Microfon, durable Stainless Steel chestpiece, external rubber non chill ring.
- > ST05 : Stethoscope Newton, gray/ black painted chestpiece external rubber non chill ring.
- > ST07 : Stethoscope Brass, brass chrome plated chestpiece and frame.
- > ST08 : Stethoscope Pediatric, brass chrome plated small size chestpiece.
- > ST08c : Stethoscope, Pediatric, stainless steel, small size chestpiece.



Popular

- > ST02 : Stethoscope Diamond, tool finish strong chestpiece with built in non chill ring.
- > ST03 : Stethoscope Deluxe, durable aluminium chestpiece, electroplated, built in non chill ring.
- > ST06 : Stethoscope Cardio, double side Chestpiece with diaphragm on both sides. Good Sound transmission, suitable for both adult & Pediatric. Made of aluminum.



- > ST09 : Stethoscope Nursescope, single sided anodized aluminium chestpiece.
- > ST10 : Stethoscope Nursescope, single sided brass chestpiece.



- > ST11 : Stethoscope Foetal, pinard foetal, aluminium anodized.
- > ST12 : Stethoscope Foetal, pinard foetal, plastic.
- > ST14 : Stethoscope Cardio, large aluminium chestpiece, grained finish.



*Note* : Stethoscopes can be modified according to individual requirements. Please send us your sample to duplicate. No extra charge for packing in individual cardboard boxes. The rexine box costs extra. Printing of customer name/logo on chestpieces and individual boxes can be done against bulk orders.



# □ STETHOSCOPES



Minimum Order Qty. 3000 pcs. assorted



- > **ST20** : Stethoscope Single Head for Adults  
Silver head. Available color of PVC Y-tubing: Red, Green, Gold, Blue, Purple, Black, Pink, Grey, White, etc.



- > **ST22** : Stethoscope Deluxe Single Head for Adults  
Aluminum chest piece with a wide range of tubing colors that match non-chill rings. All kinds of color available.



- > **ST26** : Sprague Rappaport Type Stethoscope  
Sprague Rappaport Type stethoscope, Silver color head, standard tube, Comes complete with a clear multi-pocket bag for relevant, accessories and replacement parts. Various color available. Clear PVC zipper case or foam box.



- > **ST30** : Deluxe Doctor's Single Head Stethoscope  
Zinc alloy chest piece with nickel plated silver finish. Laser engraving brand is available. Comes with inner-spring binaural tube. Special design to get better effect through press the back of head. Special design of binaural suitable for ear structure, foam box packing.



- > **ST34** : Stethoscope for Adults Cardio Type  
Cardio stainless steel stethoscope. For adult, Cardio type, featured deep cone shaped bell.



- > **ST38** : Stethoscope Deluxe for Adults  
Cardio ELITE. Chestpiece or bell comes with non-chill ring. With inner spring binaural tubing assembly. Special design of binaural suitable for ear structure. With uniquely designed binaural thick wall tubing assembly.

# □ SPHYGMOMANOMETERS

## Sphygmomanometers (B.P. Apparatus) & Spares

- > **SP001** : Sphygmomanometers, mercurial, desk model, 300 mm/Hg, complete inflation system, in an aluminium case.
- > **SP002** : Sphygmomanometers, aneroid type, with dial reading upto 300mm/Hg, complete inflation system, in a pouch.
- > **SP005** : Cuff/armband, for adult, with velcro type fasteners.
- > **SP006** : Rubber bulbs (inflating balls), oval shape black colour with end valve.
- > **SP007** : Rubber bulbs (inflating balls), oblong shape with end valve.
- > **SP009** : Rubber bulbs (inflating balls), oval shape with metal air control release valve (SP006 + SP012a).
- > **SP010** : Rubber bulbs (inflating balls), oblong shape with metal air control release valve (SP007 + SP012a).



SP001



SP002



BP Apparatus Spares

## Spares

- > **SP012a** : Metal air control valve, Superior.

Velcro cuff for sphygmomanometer, complete with rubber bladder with two tubes:

- > **SP050** : For new born, size: 5.7 x 30.5cm.
- > **SP052** : For 1 - 3 years, size: 7 x 30.5cm.
- > **SP054** : For 3 - 7 years, size: 8.3 x 35cm.
- > **SP056** : For 7 - 10 years, size: 9.5 x 38cm.
- > **SP058** : For adult, size: 14.5 x 51.5cm.
- > **SP060** : For obese, size: 17.5 x 63cm.
- > **SP062** : For thigh, size: 21 x 83cm.

# ☐ SPHYGMOMANOMETERS



> **SP100** : Sphygmomanometer Aneroid, Economy

Economy type blood pressure monitor, standard cotton cuff, stop pin manometer, 2-tube adult size bladder, Standard Latex bulb, Vinyl zipper case, standard end valve



> **SP105** : Sphygmomanometer Aneroid, Standard

Calibrated nylon cuff, stop pin manometer, 2-tube adult size bladder, Standard latex bulb, Special vinyl zipper case, Inflation Valve with spring, Standard end valve



> **SP110** : Sphygmomanometer Aneroid with Stethoscope:

Calibrated nylon cuff, stop pin manometer, 2-tube adult size bladder, Standard latex bulb, Special vinyl zipper case, Inflation Valve with spring, Standard end valve + Stethoscope



> **SP115** : Sphygmomanometer Aneroid with Single Tube

Sphygmomanometer Aneroid with single Tube, 65mm Dia. dial. Black Powder Coated Large Handle, Std. Baldder Single Tube, Std. Latex or PVC Bulb, Vinyl zipper case, standard end valve



> **SP120** : Sphygmomanometer Aneroid Square Shaped

Sphygmomanometer Aneroid Square Shaped 14cm diameter dial face adjustable for easy reading, 2 tube adult latex bladder, Std. Latex Bulb, inflation valve with spring, PVC Tubing.

# Sphygmomanometer .....



> SP125 : Sphygmomanometer Aneroid Square Shaped Wall Type

Sphygmomanometer Aneroid Square Shaped 14cm diameter dial face adjustable for easy reading, 2 tube adult latex bladder, Std. Latex Bulb, inflation valve with spring, PVC Tubing.



> SP130 : Sphygmomanometer Aneroid Round Shaped - Mobile

Sphygmomanometer Aneroid Round Shaped - Mobile, ABS Round dial face adjustable for easy reading, stand on aluminum tube with 5 plastic castors, metal basket, standard latex bulb, inflation valve with spring, standard end valve, PVC tubing.



> SP160 : Wall Type Mercury Sphygmomanometer,

Wall Type Mercury Sphygmomanometer, 2 tube adult size bladder, standard latex bulb, inflation valve, standard end valve, short latex tube with plastic connector.



> SP150 : Mercury Sphygmomanometer, Mobile, Stand Type

Mercury Sphygmomanometer, Mobile, stand on aluminum tube with 5 plastic castors, 2 Tube adult size bladder, standard latex bulb, inflation valve, standard end valve, short latex tube with plastic connector.



> SP163 : Digital Sphygmomanometer,

Digital Pressure Readout on LCD display.  
View LCD Display in any slanting position as per convenience.  
No need to memorise your blood pressure reading.  
Pulse rate display  
Mercury free  
Good Calibration Stability.

## DP2000 :: MULTI-PARAMETER MONITOR



### Specifications/Details :

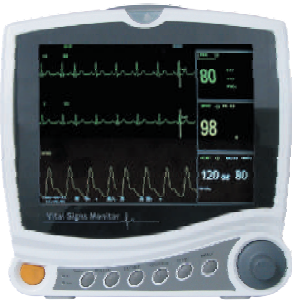
- > High resolution 12.1" color TFT display
- > Lightweight, compact and portable
- > ECG, SPO2, NIBP, RESP, 2-TEMP, PR
- > Optional : 2-IBP, ETCO2, And thermal printer
- > Built-in rechargeable lithium battery
- > ECG waveforms of 7-leads display on the same screen
- > 72-hours graphic and tabular trends of all parameters
- > 72 alarm events of all parameters recall
- > 32 seconds full-disclosure waveform review

- > 500 NIBP measurement data storage and recall
- > Data and waveforms color be adjustable
- > Arrhythmia analysis and S-T segment analysis
- > Suitable for adult, pediatric and neonatal patient

### Standard:

- > ECG, Respiration, Temperature, SPO2, NIBP, Pulse rate
- > Optional: EtCO2, IBP

## DP2005 :: VITAL SIGNS MONITOR



### Specifications/Details :

- > 8" TFT, led backlight , 800x480 pixels.
- > Visual and Audio alarms, adjustable.
- > Patient management, name and age and id.
- > Network with Central Station Software
- > Audio volume adjustable from 1 ~ 8 level.
- > Multi-language options: German, French, Italian, Turkish
- > Built-in removable and rechargeable lithium battery
- > UI with both Keypad and Touch Screen operation.
- > Memory: Built-in memory or miniSD Memory card. Store and archive more than 1000 readings.
- > Powerful data storage and management, Trend graph, Trend table, etc.
- > Arrhythmia analysis and S-T segment analysis.

### ECG

- > Lead mode: 3-lead or 5-lead
- > HR range: 15 ~ 300 bpm
- > Accuracy:  $\pm 2$ bpm or  $\pm 2\%$ , which is greater

### NIBP

- > Method: Oscillometry
- > Mode: Manual/Auto/Continuous
- > Measurement Range: 25 ~ 260mmHg

### SPO2

- > Measurement Range: 0 ~ 100%
- > Accuracy:  $\pm 2\%$ (70%~100%)  
0% ~ 69% unspecified

### Pulse Rate

- > Measurement Range: 25 ~ 250 bpm
- > Accuracy:  $\pm 3$  bpm
- > Dimension: 210 x 130 x 210mm
- > Net weight: 2.3KG

## DP2010 :: VITAL SIGNS MONITOR



### Specifications/Details :

- > 7" TFT, touch screen, led backlight , 800x480 pixels.
- > Visual and Audio alarms, adjustable.
- > Patient management, name and age and id.
- > Network with Central Station Software
- > Audio volume adjustable 1 ~ 8 level.
- > Multi-language options: German, French, Italian, Turkish
- > Built-in removable and rechargeable lithium battery
- > UI with both Keypad and and Touch Screen operation.
- > Memory: Built-in memory or miniSD Memory card. Store and archive more than 1000 readings.
- > Powerful data storage and management, Trend graph, Trend table, etc.
- > Arrhythmia analysis and S-T segment analysis.

### ECG

- > Lead mode:3-lead or 5-lead
- > HR range:15 ~ 300 bpm
- > Accuracy: $\pm 2$ bpm or  $\pm 2\%$ , which is greater

### NIBP

- > Method: Oscillometry
- > Mode:Manual/Auto/Continuous
- > Measurement Range:25 ~ 260mmHg

### SPO2

- > Measurement Range: 0 ~ 100%
- > Accuracy:  $\pm 2\%$ (70%~100%)  
0% ~ 69% unspecified

### Pulse Rate

- > Measurement Range: 25 ~ 250 bpm
- > Accuracy:  $\pm 3$  bpm
- > Dimension: 191 x 160 x 244(mm)
- > Net wight: 2.1KG

**DP2015 :: HANDHELD SINGLE CHANNEL ECG**



Specifications/Details :

- > Input circuit : Floating
- > Calibrating Voltage : 1mV ±5%
- > Input current : <50mA
- > CMRR : >103dB
- > A/D : 12bit
- > Frequency Response: 0.05Hz--150Hz
- > Filter :AC 50/60Hz
- > EMG: 35-45Hz
- > Skin Voltage Tolerance :±300mV
- > Sensitivity Setting:5, 10, 20mm/mV, conversion deviation 25%
- > Noisy Level :≤15μVp-p
- > Safety standard :IEC class I, type CF
- > Lead selection :Automatic and Manual
- > Operation mode :Automatic and Manual
- > Display :LCD 160\*96 visual size: 34\*60
- > Recording system :Thermal-array printing
- > Power supply: AC220V±10%
- > DC 7.4 lithium battery
- > Size:190\*90\*40
- > Weight:800g

**DP2020 :: DIGITAL SINGLE CHANNEL ECG**



Specifications/Details :

- > Large LCD display waveform and data
  - > High-resolution thermal printing array system
  - > Frequency response is as high as 150Hz
  - > Capable of printing continuously on channel trace and annotations including lead mark and parameter such as sensitivity, paper speed and filter operation status
  - > High resolution digital filter inhibits baseline drift without affecting ECG waveform
  - > Concept of floating input circuit meets IEC safety standard
  - > Rechargeable battery supporting more than 50 patient examinations
  - > Input Circuit : Floating; Protection against Defibrillator effect
  - > Lead: Standard 12 Leads, Lead change automatically
  - > Patient Current Leakage : <10μA
  - > Calibrating Voltage : 1mV 3%
  - > Frequency Response: 0.05Hz~150Hz (IEC)
  - > CMRR>100dB
  - > Paper Speed: 25, 50mm/s±3%
  - > Recording Paper: 50mm,20m, high-speed roll
  - > Input Circuit Current: ≤50mA
  - > Sensitivity: 1/2, 1, 2 (cm/mV)
  - > Skin Voltage Tolerance: ±300mV
  - > Dimensions: 310mm×230mm×70mm
  - > Input Impedance: ≥50MΩ
  - > A/D Conversion: 12 bit
  - > Time Constant: >3.2seconds
  - > EMG Filter: 35Hz (-3dB) / 25Hz (-3dB)
  - > Safety Standard: IEC class I, type CF
  - > Noise Level : <15μVp-p
  - > Weight: 2.75kg
- Standard Accessories:  
Patient Cable, Thermal Printing Paper, Limb Electrodes, Chest Electrodes, Power Supply Cable, Grounding Wire

**DP2025 :: DIGITAL THREE CHANNEL ECG**



Specifications/Details :

- > 3.5" TFT screen
- > 12 leads simultaneous display
- > Thermal printing system
- > Power supply both AC and DC
- > High capacity built-in lithium rechargeable battery
- > Battery power supports continuous recording of 150 readings of ECG
- > Built-in Database
- > Store and archive more than 1000 readings
- > Digital signal processor for filtration
- > Auto-measurement, auto-analysis and auto interpretation functions
- > Lead: Standard 12 leads
- > Patient leak current: <10uA
- > Input impedance: >=50MΩ
- > Frequency response: 0.05Hz-150Hz(-3dB)
- > Time constant: Time constant > 3.2s
- > CMRR: 100dB
- > Dimension of recording paper: 80mm(w)×20m(L)paper
- > Paper speed: 25mm/s, 50mm/s
- > Sensitivity choice: 5, 10, 20mm/mV. Standard sensitivity is 10mm/mV+0.2mm/mV
- > Measurement parameters :HR, P-R interval, P Duration, QRS Duration, Q-T interval, Q-Tc, P Axis, QRS Axis, T Axis, R(V5), S(V1), R(V5)+S(V1)
- > Product safety type: Class 1. Type CF, there is defibrillation and pacing protection circuit.
- > Enduring polarization voltage: +300mV
- > Noise level: ≤15μVp-p
- > Size: 315mm(L)×215mm(W)×77mm(H)
- > Net Weight: 2.25Kg

## DP2030 :: DIGITAL 3/6 CHANNEL ECG



### Specifications/Details :

- > 7" TFT, touch screen, led backlight
  - > Digital isolation technology and signal processing solution, digital filter
  - > Patient management, name and age and id.
  - > Detail analysis report.
  - > Multi-language options: German, French, Italian, Turkish
  - > Built-in lithium rechargeable battery, wide thermal printing system
  - > USB and LAN socket.
  - > Memory: Built-in memory or mini SD Memory card. Store and archive more than 1000 readings.
  - > Auto-measurement, auto-analysis, and auto-interpretation.
- Specifications:
- > Lead: Standard 12 leads
  - > Patient leak current: <math><10\mu\text{A}</math>
  - > Input impedance:  $\geq 50 \Omega$
  - > Frequency response:  $0.05 \sim 150\text{Hz}(-3\text{dB})$
  - > Time constant:  $>3.2\text{S}$
  - > CMRR:  $>100\text{dB}$
  - > Dimension of recording paper:  $80\text{mm} \times 20\text{m}$
  - > Paper speed:  $25\text{mm/s}, 50\text{mm/s}$
  - > Sensitivity choice:  $5, 10, 20\text{mm/mV}$ .
  - > Measurement parameters: HR, P-R interval, P-Duration, QRS Duration, Q-T interval, Q-Tc, P Axis, QRS Axis, T Axis, R(V5), S(V1), R(V5)+S(V1)
  - > Product safety type: Class I, CF. Defibrillation and pacing protection
  - > Enduring polarization voltage:  $\pm 300\text{mV}$
  - > Noise level:  $<15\text{uVp-p}$
  - > Dimension:  $130\text{mm(L)} \times 74\text{mm (W)} \times 25\text{mm(H)}$
  - > Net weight: 2.3KG

## DP2036 :: DIGITAL 12 CHANNEL ECG



- > Input Way : Floating and defibrillation protection
- > Lead : Standard 12 leads
- > Patient leak current :  $<10\mu\text{A}$
- > Input Impedance :  $>50\text{M}\Omega$
- > Frequency response :  $0.05\text{Hz} \sim 150\text{Hz}(-3\text{dB})$
- > Time constant : Time constant  $>3.2\text{s}$
- > CMRR :  $>60\text{dB}, >100\text{dB}$  (Adding Filter)
- > EMG interference filter :  $35\text{Hz}(-3\text{dB})$
- > Recording way : Thermal printing system
- > Specification of recording paper :  $210\text{mm (W)} \times 20\text{m (L)}$  high-speed thermal paper
- > Paper speed : Auto record :  $25\text{mm/s}, 50\text{mm/s}$ , error :  $\pm 5\%$
- > Rhythm record :  $25\text{mm/s}, 50\text{mm/s}$ , error :  $\pm 5\%$
- > Manual record :  $5\text{mm/s}, 6.25\text{mm/s}, 10\text{mm/s}, 12.5\text{mm/s}, 50\text{mm/s}$ , error :  $\pm 5\%$
- > Sensitivity selections :  $5, 10, 20, 40\text{mm/mV}$ , error :  $\pm 5\%$ . Standard sensitivity is  $10\text{mm/mV} \pm 2\text{mm/mV}$ .
- > Auto record : Record setup according to auto record format and mode, automatically changing leads, measuring and analyzing.
- > Rhythm record : Record setup according to rhythm record format and mode, automatically measuring and analyzing.
- > Manual record : Record setup according to manual record format, manually changing leads.
- > Measurement parameters : HR, P-R. interval, P Duration, QRS Duration, T Duration, Q-T interval, Q-Tc, P Axis, QRS Axis, T Axis, R(VS), S(VI), R(VS) + S(VI)
- > Product safety type : Class I CF applied part; there is defibrillation and packing protection circuit in it.
- > Enduring polarization voltage :  $\pm 500\text{mV}$
- > Noise level :  $<15\mu\text{Vp-p}$
- > Size :  $334\text{mm (L)} \times 320\text{mm (W)} \times 85\text{mm (H)}$
- > Power supply / Frequency : AC :  $100 - 240\text{V}, 50/60\text{Hz}$  DC:  $14.8\text{V}, 3700\text{mAh}$  rechargeable lithium battery



DP2041

### DP2041 : Fingertip Pulse Oximeter

- > Dependable Oxygen Level and Pulse Rate measurements
- > Small & lightweight design
- > Low power consumption
- > Large LED Display of SpO<sub>2</sub>, PR, and Pulse Bar
- > Auto shut-off with no signal for 5 seconds
- > Suitable for adult, pediatric and neonate



DP2043

### DP2043 : Fingertip Pulse Oximeter

- > Dependable Oxygen Level and Pulse Rate measurements
- > LCD screen display SpO<sub>2</sub>, PR, and SpO<sub>2</sub> waveform
- > Small & lightweight design
- > Low power consumption
- > Auto shut-off with no signal for 5 seconds
- > Suitable for adult, pediatric and neonate



DP2047

### DP2047 : Fingertip Pulse Oximeter

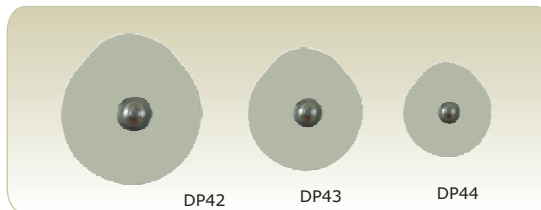
- > Dependable Oxygen Level and Pulse Rate measurements
- > LCD screen display SpO<sub>2</sub>, PR, and SpO<sub>2</sub> waveform
- > Small & lightweight design
- > Low power consumption
- > Auto shut-off with no signal for 5 seconds
- > Build-in memory, with PC software analyzing
- > Suitable for adult, pediatric and neonate



DP2049

**DP2049 : Handheld Pulse Oximeter**

- > Large LED Display of SpO2, PR, and Pulse Bar
- > Durable, Compact and Lightweight
- > Low power consumption
- > Audible/Visual Alarms with Adjustable Alarm Limits
- > Can Be Used for Spot-Check or Continuous Monitoring
- > Suitable for Adult, Pediatric and Neonate



DP42

DP43

DP44

**Disposable ECG Electrodes**

- DP42 : Adult
- DP43 : Infant
- DP44 : Neonate

**DP17 : Ultrasound Gel, 250ml**

- > The gel is used to smooth the ultrasound process.
- > It acts as a moisturizer which reduces the friction from the skin, enabling the smooth movement of the machine.



DP17

**DP21 : ECG Gel, 250ml**

**DP2060 :: DIGITAL EEG AND MAPPING SYSTEM**



**Specifications/Details :**

- > The system integrates acquisition, amplification, filters and A/D resolution of signal into one module with SMD technology, which improves the reliability and antijamming ability of the system.
- > Automatically record EEG and 24 hours continuous acquisition.
- > 16-lead EEG, which have the function of automatic measurement. (1016: 16ch EEG)
- > Automatic scaling system.
- > Mark event, using different color stands different event
- > Digital video monitor system (option).
- > The manual and automatic flashlight stimulator.

- > The integrated design increases the antijamming ability and the sensibility of system simultaneously.
- > The multifunctional digital filter system, which has the function of setting up different filters and filtering methods.
- > More than 10 kinds of BEAM and EEG, such as top view, side view and monochromatic view are displayed in the same screen.
- > All kind of power spectrum BEAM, numerical BEAM and compressed spectrum graph.
- > Three-dimensional rotary BEAM
- > Integrated picture and character printout
- > Perfect case management system
- > Convenient and quick USB interface

**DP2063 :** Same as DP2060, with 2-lead ECG.

**DP2065 :: DIGITAL EEG AND MAPPING SYSTEM**



**Specifications/Details :**

- > Standard 24-channel (2400)
- > The latest intelligent digital EEG amplifier, which integrates electrode box, amplifier, filter, A/D.
- > Digital signal transmission enhances the antijamming ability.
- > 10/20 international standard system supports special electrodes, the combination of 13 kinds of standard leads can be selected (hardware) at real time or changed when uploading (software), support: A1, A2, A1+A2, A1←→A2.
- > Resistance is displayed in the electrode box and tested in the acquisition course, so that the physician can adjust the electrode in time.
- > USB interface, coupled with a laptop computer form a portable EEG system

- > ECG and RESP
- > Control flashlight automatically and manually
- > The amplitude and frequency of EEG can be measured
- > BEAM, power spectrum, and all kinds of trend graph
- > The EEG database management, supporting MO or CD-RW archiving
- > The special isolation transformer and optical cable ensure security

**Optional function**

- > Video monitor system
- > Sleep module, ECG, EOG, SPO2, EMG, RESP
- > Bluetooth Communication

**DP2066 :** Same as DP2065, but with 32-channel (3200) amplifier.