

TRUMP in the field of Medical industry

----- Medical Analyzing and Monitoring system

Optic-display Sphygmomanometer

Electronic Blood Pressure Monitor

Arm type semi-automatic

Arm-type fully automatic

Wrist type fully automatic

Blood Glucose Monitor

Blood glucose and blood pressure monitor

Oximeter

➤ Optic-display sphygmomanometer

Mercury is a kind of toxic heavy metal. The mercury sphygmomanometer exert much mercury every year, which seriously threat people's health and pollute environment.

Optic-display sphygmomanometer, is the substitutes of the mercury sphygmomanometer, revealing pressure with bright-colored light spots, has used the technology of optic-fiber and the optical, mechanical and electronic integration to realize the long-rang transmission of optical-pressure signal. In addition, it has clear, accurate indicating value. When measuring, it can be used together with Medical Ear Stethoscope, or Korottkoff sound alarming unit to measure blood pressure.

It is the first technology in the world and patent in China.



TRUMP 001



TRUMP 002



TRUMP 003



TRUMP 004

Technical Parameters:

1. Measuring range: 0~40kPa (0~300mmHg).
2. Indicating value: under the measuring conditions ambient temperature $20^{\circ}\text{C}\pm 5^{\circ}\text{C}$, relative humidity $\leq 85\%$ and atmospheric pressure: 86kPa~106kPa, the allowed basic deviation of the indicating value: $\pm 0.5\text{kPa}$ ($\pm 3.75\text{mmHg}$).
3. Operating Conditions: Temperature: $5^{\circ}\text{C}\sim 35^{\circ}\text{C}$; Relative humidity: $\leq 85\%$; Atmospheric pressure: 86kPa~106kPa. Under the appropriate operating environment, we only allow the error of $\pm 0.66\text{kPa}$ ($\pm 4.95\text{mmHg}$) as the max deviation.

Reading-assistant sphygmomanometer

The accurate and reliable examination

The history of measuring blood pressure for over 100 years has proved that the Korotkoff sound method, the medical method to measure blood pressure, is impossible to be replaced.

The reading-assistant adopts the electronic method of Korotkoff sound, which strictly basis on the Korotkoff sound principle. More than 9years since it has been on market, the accuracy and reliability of this product has subjected to strict tests. Thus the Korotkoff sound method is free from the people's subjection.

About reading-assistant ranges products, we have various contributories, such as showing-light, cylinder and aneroid.



TRUMP 005 Reading-assistant unit

The Korotkoff sound alarming unit, which can be used with the sphygmomanometer together.

■ Optic display sphygmomanometer (with the reading-assistant type insert)



TRUMP 002



TRUMP 003



TRUMP 004

■ Why the Reading –assistant sphygmomanometer is the accurate and reliable examination?

Technical requirement:

accurately identify the systolic and diastolic pressure according to the medical requirement.

Examination method: synchronously measure blood pressure.

Bind the armband smoothly on your upper arm (two rubber tubes downward), then make the sensor of the reading-assistant unit (white round mark) at the point of brachial artery (2cm above the elbow and 2cm from the inside edge). At the same time, you insert the sensor of the Stethoscope into the middle point of the same armband (about 2cm above the elbow, next to the sensor of the reading-assistant). You should note that bind the armband not too tight or too loose, or it will affect the measuring accuracy. In addition, the person tested should be relaxed and at the same time, making the sensor almost at the same height as that of the heart. If the circuit is on, any vibration of touch can make buzzing. You will find the buzzing from the buzzer of the reading-assistant unit is synchronous with the sound from the stethoscope. Now, you can pump up pressure to

about 30~40mmHg above the expected systolic pressure, stable for a while, then enter into the air-releasing procedure. This time you should carefully hear the sound from the buzzer of the reading-assistant unit. When enter the blood pressure range, the first buzzing from buzzer of reading-assistant unit should be advance or synchronous, comparative to the sound from the stethoscope, but not lagging. If we take 10 samples to experiment, the lagging probability should be less 30%. The last buzzing from buzzer of reading-assistant unit should be synchronous with the last sound from the stethoscope. The above has proved that reading-assistant Korotkoff sound alarming unit is more objective, accurate and reliable than any the most outstanding professionals.



TRUMP 006

Reading-assistant
blood pressure measuring instrument

➤ Blood Pressure Monitor

TRUMP-001

Arm type Semi-Automatic Electronic Blood Pressure Monitor

[Specification:]

- Display system: Extra-large LCD with digital display system/LCD 9 digits
- Measuring method: Oscillometric method, automatic measurement
- Pressurization: manual air inflation by an air sac
- Deflation: automatic exhaust
- Cuff size: 475mm×135mm
- Machine size: 145mm×105mm×43mm
- Weight: 168g (excluding battery)
- Measuring accuracy: Within ± 4mmHg (0.5kPa)
- Blood pressure measuring range: 20mmHg—300mmHg (2.7kPa—40kPa)



- Pulse rate range: 30—180/min
- Pulse rate accuracy: Within $\pm 5\%$
- Power source: DC6V or 4×AA size batteries
- Battery life: Approx.6 months with 3 min. usage per day
- Classification: Internal powered Equipment Type B
- Automatic power off: To be automatically cut off after 3 minutes of nonuse to save energy
- Battery life: Approx. 6 months with 3-min. usage per day
- Environmental temperature for using: 5~40°C
- Environmental temperature for storage: -20~65°C
- Environmental humidity for using: <80%RH
- Environment humidity for storage: <95%RH
- Transport condition:
- Atmospheric pressure range: 525mmHg~795mmHg(70kPa~106kPa)
- Humidity range: Less than 95%
- Ambient temperature range: -5~40°C

Form of package:

One machine in one leather bag, bag in a color box, and every ten boxes in one export carton.

Size of package:

Size of leather bag: 170(length) x 120(width) x 85(height) mm

Size of color box: 210(length) x 130(width) x 86(height) mm

Export carton: 440(length) x 220(width) x 280(height) mm

TRUMP-002

Arm type Semi-Automatic Electronic Blood Pressure Monitor

[Specification]

- Display system: Extra-large LCD with digital display system
- Measuring method: Oscillometric method, manual inflation, automatic measurement, 90 times memory
- Cuff size: 475mm×135mm
- Machine size: 136mm×94mm×52mm
- Weight: 156g (excluding battery)
- Measuring accuracy: Within ± 4 mmHg (0.5kPa)
- Blood pressure measuring range: 20mmHg—300mmHg (2.7kPa—40kPa)
- Pulse rate range: 30—180/min



- Pulse rate accuracy: Within $\pm 5\%$
- Power source: DC6V or 4×AA size batteries
- Classification: Internal powered Equipment Type B
- Automatic power off: To be automatically cut off after 3 minutes of nonuse to save energy
- Battery life: Approx. 6 months with 3-min. usage per day
- Environmental temperature for using: 5~40°C
- Environmental temperature for storage: -20~65°C
- Environmental humidity for using: <80%RH
- Environment humidity for storage: <95%RH
- Transport condition:
- Atmospheric pressure range: 525mmHg~795mmHg(70kPa~106kPa)
- Humidity range: Less than 95%
- Ambient temperature range: -5~40°C

Form of package:

One machine in one leather bag, bag in a color box, and every ten boxes in one export carton.

Size of package:

Size of leather bag: 165(length) x 115(width) x 70(height) mm

Size of color box: 175(length) x 120(width) x 85 (height) mm

Export carton: 470(length) x 200(width) x 270(height) mm

TRUMP-003

Arm type Fully Automatic Electronic Blood Pressure Monitor

[Specification:]

- Display system: Extra-large LCD with digital display system/LCD 8.5digits
- Measuring method: Oscillometric method, automatic measurement
- Pressurization: automatic air inflation by an imported air pump
- Deflation: automatic exhaust
- Cuff size: 475mm×135mm
- Machine size: 144mm×103mm×65mm
- Weight: 279g (excluding battery)
- Measuring accuracy: Within $\pm 3\text{mmHg}$ (0.4kPa)
- Blood pressure measuring range: 20mmHg—300mmHg (2.7kPa—40kPa)
- Pulse rate range: 30—180/min



- Pulse rate accuracy: Within $\pm 5\%$
- Power source: DC6V or 4×AA size batteries
- Battery life: Approx.2 months with 3 min. usage per day
- Classification: Internal powered Equipment Type B
- Automatic power off: To be automatically cut off after 3 minutes of nonuse to save energy
- Environmental temperature for using: 5~40℃
- Environmental temperature for storage: -20~65℃
- Environmental humidity for using: <85%RH
- Environment humidity for storage: <90%RH
- Transport condition:
- Atmospheric pressure range: 525mmHg~795mmHg (70kPa~106kPa)
- Humidity range: Less than 95%
- Ambient temperature range: -5~40℃

Form of package:

One machine in one leather bag, bag in a color box, and every ten boxes in one export carton.

Size of package:

Size of leather bag: 170(length) x 120(width) x 85(height) mm

Size of color box: 180(length) x 120(width) x 90(height) mm

Export carton: 470(length) x 200(width) x 270(height) mm

TRUMP-004

Arm type Fully Automatic Electronic Blood Pressure Monitor

Specification:

- Display system: Extra-large LCD with digital display system
- Measuring method: Oscillometric method, automatic inflation, automatic measurement, 90 times memory
- Pressurization: automatic air inflation by an imported air pump
- Deflation: automatic exhaust
- Cuff size: 475mm×135mm
- Machine size: 136mm×94mm×52mm
- Weight: 239g (excluding battery)
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- Measuring accuracy: Within $\pm 4\text{mmHg}$ (0.5kPa)
- Blood pressure measuring range: 20mmHg—300mmHg (2.7kPa—40kPa)
- Pulse rate range: 30—180/min
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Pulse rate accuracy: Within $\pm 5\%$

- Power source: DC6V or 4×AA size batteries
- Battery life: Approx.2 months with 3 min. usage per day
- Classification: Internal powered Equipment Type B
- Automatic power off: To be automatically cut off after 3 minutes of nonuse to save energy
- Environmental temperature for using: 5~40℃
- Environmental temperature for storage: -20~65℃
- Environmental humidity for using: <80%RH
- Environment humidity for storage: <95%RH
- Transport condition:
- Atmospheric pressure range: 525mmHg~795mmHg (70kPa~106kPa)
- Humidity range: Less than 95%
- Ambient temperature range: -5~40℃

Form of package:

One machine in one leather bag, bag in a color box, and every ten boxes in one export carton.

Size of package:

Size of leather bag: 165(length) x 115(width) x 70(height) mm

Size of color box: 180(length) x 120(width) x 80(height) mm

Export carton: 470(length) x 200(width) x 270(height) mm

TRUMP-005

Arm type Fully Automatic Electronic Blood Pressure Monitor

[Specification:]

- Display system: Extra-large LCD with digital display system
- Measuring method: Oscillometric method, automatic inflation, automatic measurement, 120 times memory with time and date displaying
- Pressurization: automatic air inflation by an imported air pump
- Deflation: automatic exhaust
- Cuff size: 475mm×135mm

- Machine size: 145mm×80mm×85mm
- Weight: 285g (excluding battery)
- Measuring accuracy: Within $\pm 3\text{mmHg}$ (0.4kPa)
- Blood pressure measuring range: 20mmHg—300mmHg (2.7kPa—40kPa)
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Pulse rate range: 30—180/min
Pulse rate accuracy: Within $\pm 5\%$
Power source: DC6V or 4×AA size batteries
Battery life: Approx.1 month with 3 min. usage per day
Classification: Internal powered Equipment Type B
Automatic power off: To be automatically cut off after 3 minutes of nonuse to save energy
Environmental temperature for using: 5~40°C
Environmental temperature for storage: -20~+55°C
Environmental humidity for using: <80%RH
Environment humidity for storage: <95%RH
Transport condition:
Atmospheric pressure range: 525mmHg~795mmHg (70kPa~106kPa)
Humidity range: Less than 95%
● Ambient temperature range: -5~+40°C

Form of package:

One machine in one leather bag, bag in a color box, and every ten boxes in one export carton.

Size of package:

Size of leather bag: 170(length) x 120(width) x 85(height) mm

Size of color box: 170(length) x 120(width) x 85(height) mm

Export carton: 440(length) x 180(width) x 250(height) mm

TRUMP-006

Wrist type Fully Automatic Electronic Blood Pressure Monitor

[Specification:]

- Display system: Extra-large LCD with digital display system/LCD 9 digits
- Measuring method: Oscillometric method, automatic measurement
- Pressurization: automatic air inflation by an imported pump
- Deflation: automatic exhaust

- Cuff size: 310mm×75mm
- Machine size: 135mm×90mm×50mm
- Weight: 239g (excluding battery)
- Measuring accuracy: Within $\pm 3\text{mmHg}$ (0.4kPa)
- Blood pressure measuring range: 20mmHg—300mmHg (2.7kPa—40kPa)



- Pulse rate range: 30—180/min
- Pulse rate accuracy: Within $\pm 5\%$
- Power source: DC6V or 4×AA size batteries
- Classification: Internal powered Equipment Type B
- Automatic power off: To be automatically cut off after 5 minutes of nonuse to save energy
- Battery life: Approx. 2 months with 3-min. usage per day
- Environmental temperature for using: 5~40°C
- Environmental temperature for storage: -20~65°C
- Environmental humidity for using: <85%RH
- Environment humidity for storage: <90%RH
- Transport condition:
- Atmospheric pressure range: 525mmHg~795mmHg(70kPa~106kPa)
- Humidity range: Less than 95%
- Ambient temperature range: -5~40°C

Form of package:

One machine in one leather bag, bag in a color box, and every ten boxes in one export carton.

Size of package:

Size of leather bag: 165(length) x 115(width) x 70(height) mm

Size of color box: 154(length) x 120(width) x 90(height) mm

Export carton: 430(length) x 170(width) x 270(height) mm

TRUMP-007

Wrist type Fully Automatic Electronic Blood Pressure Monitor

[Specification:]

- Display system: Extra-large LCD with digital display system/LCD 9 digits
- Measuring method: Oscillometric method, automatic measurement
- Pressurization: automatic air inflation by an imported pump
- Deflation: automatic exhaust
- Cuff size: 310mm×75mm
- Machine size: 75mm×66mm×30mm
- Weight: 107g (excluding battery)
- Measuring accuracy: Within $\pm 3\text{mmHg}$ (0.4kPa)
- Blood pressure measuring range: 20mmHg—300mmHg (2.7kPa—40kPa)



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- Pulse rate range: 30—180/min
 - Pulse rate accuracy: Within $\pm 5\%$
 - Power source: 2×AAA size batteries
 - Classification: Internal powered Equipment Type B
 - Automatic power off: To be automatically cut off after 3 minutes of nonuse to save energy
 - Battery life: Approx. 2 months with 3-min. usage per day
 - Environmental temperature for using: 5~40°C
 - Environmental temperature for storage: -20~65°C
 - Environmental humidity for using: <85%RH
 - Environment humidity for storage: <90%RH
 - Transport condition:
 - Atmospheric pressure range: 525mmHg~795mmHg(70kPa~106kPa)
 - Humidity range: Less than 95%
 - Ambient temperature range: -5~40°C

Form of package:

One machine in one transparent box, fill in a color box, and every ten boxes in one export carton.

Size of package:

Transparent box: 91(length) x 86(width) x 76(height) mm

Size of color box: 93(length) x 87(width) x 85(height) mm

Export carton: 470(length) x 110(width) x 200(height) mm

TRUMP-008

Wrist type Fully Automatic Electronic Blood Pressure Monitor

[Specification:]

- Display system: Extra-large LCD with digital display system
- Measuring method: Oscillometric method, automatic inflation,
- automatic measurement, 90 times memory



- Pressurization: automatic air inflation by an imported pump
- Deflation: automatic exhaust
- Cuff size: 310mm×75mm
- Machine size: 75mm×66mm×31mm
- Weight: 107g (excluding battery)
- Measuring accuracy: Within $\pm 3\text{mmHg}$ (0.4kPa)
- Blood pressure measuring range: 20mmHg—300mmHg (2.7kPa—40kPa)

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- Pulse rate range: 30—180/min
 - Pulse rate accuracy: Within $\pm 5\%$
 - Power source: 2×AAA size batteries
 - Classification: Internal powered Equipment Type B
 - Automatic power off: To be automatically cut off after 3 minutes of nonuse to save energy
 - Battery life: Approx. 1 month with 3-min. usage per day
 - Environmental temperature for using: 5~40°C
 - Environmental temperature for storage: -20~65°C
 - Environmental humidity for using: <80%RH
 - Environment humidity for storage: <95%RH
 - Transport condition:
 - Atmospheric pressure range: 525mmHg~795mmHg(70kPa~106kPa)
 - Humidity range: Less than 95%
 - Ambient temperature range: -5~40°C

Form of package:

One machine in one transparent box, fill in a color box, and every ten boxes in one export carton.

Size of package:

Transparent box: 91(length) x 86(width) x 76(height) mm

Size of color box: 93(length) x 87(width) x 85(height) mm

Export carton: 470(length) x 110(width) x 200(height) mm

TRUMP-009

Wrist type Fully Automatic Electronic Blood Pressure Monitor

[Specification:]

- Display system: Extra-large LCD with digital display system/ 13 digits
- Measuring method: automatic air inflation and measurement, 120 times memory with time and date displaying
- Cuff size: 340mm×73mm
- Machine size: 81mm×69mm×30mm
- Weight: 115g (excluding battery)
- Measuring accuracy: Within $\pm 4\text{mmHg}$ (0.5kPa)
- Blood pressure measuring range: 20mmHg—300mmHg (2.7kPa—40kPa)
- Heart pulse rate range: 30—180/min
- Power source: 2×AAA size batteries
- Classification: Internal powered Equipment Type B



- Battery life: Approx. 1 month with normal usage
- Environmental temperature for using: 5~40℃
- Environmental temperature for storage: -20~55℃
- Environmental humidity for using: <80%RH
- Environmental humidity for storage: <95%RH
- Environmental pressure: atmosphere pressure

Form of package:

One machine in transparent box, fill in a color box, and every ten boxes in one export carton.

Size of package:

Transparent box: 91(length) x 86(width) x 76(height) mm

Size of color box: 93(length) x 87(width) x 85(height) mm

Export carton: 470(length) x 110(width) x 200(height) mm

TRUMP-010

Wrist type Fully Automatic Electronic Blood Pressure Monitor



[Specification:]

- Display system: Extra-large LCD with digital display system/ 13 digits
 - Measuring method: automatic air inflation and measurement, 120 times memory with time and date displaying for different groups
 - Cuff size: 340mm×73mm
 - Machine size: 83mm×72mm×30mm
 - Weight: 125g (excluding battery)
 - Measuring accuracy: Within ± 4mmHg (0.5kPa)
 - Blood pressure measuring range: 20mmHg—300mmHg (2.7kPa—40kPa)
 - Heart pulse rate range: 30—180/min
 - Power source: 2×AAA size batteries
 - Classification: Internal powered Equipment Type B
 - Battery life: Approx. 1 month with normal usage
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- Environmental temperature for using: 5~40℃
 - Environmental temperature for storage: -20~55℃
 - Environmental humidity for using: <80%RH
 - Environmental humidity for storage: <95%RH
 - Environmental pressure: atmosphere pressure

Form of package:

One machine in transparent box, fill in a color box, and every ten boxes in one export carton.

Size of package:

Transparent box: 91(length) x 86(width) x 76(height) mm

Size of color box: 93(length) x 87(width) x 85(height) mm

Export carton: 470(length) x 110(width) x 200(height) mm

➤ **Blood glucose monitor**

TRUMP-001

Product characteristics:

- Microprocessor based electrochemical bio-sensing instrument for quantitative test of blood glucose with accuracy and precise result.
- The smallest size for easy handle and carry for accurate the result , No pain.
- Speech report: Can then the speech broadcasts current time and measures result.
- Save to have great capacity: 28 memories and search function, can record the human body measure the blood glucose.
- The LCD arithmetic figure LCD shows, clear read definite.
- Function plentifulness : Have year, month, day, time manifestation etc. Various functions.
- Has the transfer function of blood glucose mg/dL, mmol/L.



TRUMP -002

Product characteristics:

- Easy handle with accuracy and precise result
- Automatic siphon blood sample both sides, need only 1.4uL of blood
- Accurate results in 8sec

- Test strip without change code
- Automatic correction for temperature
- Automatic On/Off, save energy



TRUMP-003

Product characteristics:



- Accurate results in 10sec
- Dual-reading system: mmol/L or mg/dL
- Powerful, automatic 180-memory. When the memory is full, the most recent result will automatically replace the earliest one.
- 1-4 weeks automatic average function
- PC-connectivity with diagram display
- With environment temperature display

TRUMP-004

Product characters:

- Automatic On/Off, easy handle
- Test strip packed single
- Use AAA batteries
- Automatic correction for temperature
- Large display shows, 50-memory



Blood glucose and blood pressure monitor

Product information:

- Dual-testing function: blood glucose and blood pressure.
- The LCD shows large arithmetic figure.
- 240-memory.
- Sample of blood: 0.5uL.
- Test time: Blood glucose 5sec
Blood pressure and pulse 20-60sec



[Specification:]

- ·Inflation and deflation: automatic force pump
- ·Wristlet perimeter: 14~25cm
- ·Size: length 78×width 58×height 25mm
- ·Weight: 160g
- ·Power supply: two 1.5V AAA batteries
- ·Measure unit: heart rate BPM
- Blood pressure mmHg or kPa
- Blood glucose mg/dL or mmol/L

➤ Oximeter

TRUMP-001



Display mode: LED display

SPO2 measuring range:35%-100%

Pulse rate measuring range:30bpm-240bpm

Pulse waveform display: bargraph display

Low battery indication: LED display

Power supply Requirement: 1.5V(AAAsize) Alkaline Batteries; 2;

Working current:≤ 25mA

Resolution: SPO2: 1% Pulse Rate: 1bpm

Accuracy: SPO2 :70%to100%± 2digits,below70%unspecified Pulse rate:± 2bpm or ±2%(select larger)

Measurement at Low Perfusion: The values of SPO2 and pulse rate can be displayed

Properly when pulse saturation is at 0.4%.

Accuracy of SPO2: ± 4%

Accuracy of Pulse Ratio:±2BPM or ±2% (Select Larger)

Resistance to surrounding light:

Deviation is smaller than ±1% between value of Oxyhemoglobin measured in natural lighting indoor condition and present lighting sources and that measured in dark room.

Automatic shutdown function:The device will power off automatically within 5 seconds when there is no finger in the device.

TRUMP-002

Display Format: True Color OLED With 4 Direction Display

Pixels: 160*128, 256K color

Pulse Wave: Color OLED Graphic Display

Battery Voltage Indication: Color OLED Graph.

Compact Size:

Friendly Operation Menu for The Function Setting.

Alarm: Visual and Audio



Alarm Setting: 35-99%
 Pulse sound: Yes
 USB and Wireless interface to Computer
 Synchronous Display on the Oximeter and Computer
 Inner Flash Memory for More than 30 hours Data Storage
 Advanced Software for Sleep Study and Monitoring
 Power Supply: 3.7V Rechargeable Lithium Polymer Battery
 Charger: USB Charger like Apple ipod and AC charger
 Power Consumption: less than 20 mA(Wireless and Alarm not work).
 SPO2:35-99%
 Pulse Ratio: 30-255 BPM
 Resolution: 1% for SPO2 and 1 BPM for Pulse Ratio.
 Measurement Accuracy: $\pm 2\%$ in stage of 70%-99% for SPO2
 Unspecified in stage of 35-69% for SPO2
 ± 2 BPM or $\pm 2\%$ (Select Larger)for Pulse Ratio.
 It is equipped with a function switch, through which the Oximeter can be automatically powered off when no finger is in the Oximeter more than 4 seconds(Not available in Sleep study and Monitoring)

TRUMP-003

Display Mode : double Color OLED display
 SPO2 measuring range: 35-100%
 Pulse Ratio:30-240BPM
 Pulse Waveform display: bar graph display
 Battery indication: OLED display
 Power Requirements: 1.5V(A A A size)Alkali Batteries× 2
 Adaptable range: 2.6V-3.6V
 Working current: ≤ 20 mA



Resolution: SPO2:1%
 Pulse Rate: 1bpm
 Accuracy: SPO2 :70%to100% ± 2 digits,below70%unspecified Pulse rate: ± 2 bpm or $\pm 2\%$ (select larger)
 Measurement at Low Perfusion:

The values of SPO2 and pulse rate can be displayed properly when pulse saturation is at0.4%.
 Accuracy ofSPO2: $\pm 4\%$

Accuracy of Pulse Ratio ± 2 BPM or $\pm 2\%$ (Select Larger)
 Resistance to surrounding light:
 Deviation is smaller than $\pm 1\%$ between value of Oxyhemoglobin
 Measured in natural lighting indoor condition and present lighting sources and measured in darkroom.

Automatic shutdown function: The device will power off automatically within 5seconds when there is no finger in the device.

When working, the display direction can be changed by pressing the button shortly. There are six modes of direction.

Long press can change the lightness of the screen.

Display mode: LED display

SPO2 measuring range: 35%-100%

Pulse rate measuring range: 30bpm-240bpm

Pulse waveform display: bar graph display

Low battery indication: LED display

Power supply Requirement: 1.5V (AAAsize) Alkaline Batteries×2;

Working current: ≤25mA

Resolution: SPO2: 1%

Pulse Rate: 1bpm

Accuracy: SPO2:70% to 100% ±2digits,below 70% unspecified

Pulse rate:±2bpm or ±2%(select larger)

Measurement at Low Perfusion:

Thevalues of SPO2 and pulse rate can be displayed properly when pulse saturation is at 0.4%.

Accuracy of SPO2:±4%

Accuracy of Pulse Ratio±2BPM or ±2% (Select Larger)

Resistance to surrounding light:

Deviation is smaller than ±1% between value of Oxyhemoglobin measured in natural lighting indoor condition and present lighting sources and that measured in dark room.

Automatic shutdown function: The device will power off automatically within 5 seconds when there is no finger in the device.



TRUMP-004

Display Format: LCD

SPO2:35-99%

Pulse Ratio: 30-255 BPM

Pulse Wave: LCD Numeric Display

Battery Voltage Low Indication: LCD bar graph.

Power Requirements: Two AA size 1.5V Alkali Battery;

Power Consumption: less than 15 mA.

Resolution: 1% for SPO2 and 1 BPM for Pulse Ratio.

Measurement Accuracy: ±2% in stage of 70%-99% for SPO2

±2BPM or ± 2% (Select Larger)for Pulse Ratio.

Measurement Performance in Low Perfusion: SPO2 and rate value can be shown correctly when

pulse-filling ratio is 0.4%.

Interference Resistance Capacity against Ambient Light: Deviation is smaller than $\pm 1\%$

It is equipped with a function switch, through which the Oximeter can be automatically powered off when no finger is in the Oximeter more than 4 seconds.

Display Format: 64k color OLED

Display Mode: Two Directions

Back light: OLED

SPO2:35-99%

Pulse Ratio: 30-255 BPM

Pleth Wave: OLED Graphic Display

Battery Voltage Low Indication: OLED Bar Graph.

Power Requirements: Two AA size 1.5V Alkali Battery;

Power Consumption: less than 60 mA.

Resolution: 1% for SPO2 and 1 BPM for Pulse Ratio.

Measurement Accuracy: $\pm 2\%$ in stage of 70%-99% for SPO2

Unspecified in stage of 35-69% for SPO2

$\pm 2\text{BPM}$ or $\pm 2\%$ (Select Larger)for Pulse Ratio.

Measurement Performance in Low Perfusion: SPO2 and pulse rate value can be shown correctly when pulse-filling ratio is 0.4%.

Interference Resistance Capacity against Ambient Light : Deviation is smaller than $\pm 1\%$

It is equipped with a function switch, through which the Oximeter can be automatically powered off when no finger is in the Oximeter more than 4 seconds.



TRUMP-005

Display Format: LCD;

Back light: LED

SPO2:35-99%; Pulse Ratio: 30-250 BPM

Pulse Ratio: 30-250 BPM; Spo2 Alarm Range: 0-100%

Pulse Alarm Range: 15-300 BPM

Pulse Wave: LCD Graphic Display

Battery Voltage Low Indication: LCD signals.

Power: CMS60A: Two AA size 1.5V Alkali Battery; CMS60B:3.7V Li-ion Battery

Power Consumption: less than 20 mA.

Resolution: ± 1 for SPO2 and ± 1 BPM for Pulse Ratio.



Measurement Accuracy: ± 2 in stage of 70%-99% SPO2 and meaningless when stage being smaller than 70%.

± 2 BPM for Pulse Ratio.

Measurement Performance in Weak Filling Condition: Oxyhemoglobin and pulse value can be shown correctly when pulse-filling ratio is 0.4%.

Interference Resistance Capacity against Ambient Light: Deviation is smaller than $\pm 1\%$ between value of Oxyhemoglobin measured in natural lighting indoor condition and present lighting sources and that measured in dark room.

Option: ECG waveform Display, Heart rate, HR Alarm, SD Card for 24 hours storage,

TRUMP-006

Display Format: LCD;

Back light: LED

SPO2:35-99%;

Pulse Ratio: 30-250 BPM

Pulse Ratio: 30-250 BPM;

Spo2 Alarm Range: 0-100%

Pulse Alarm Range: 15-300 BPM

Pulse Wave: LCD Graphic Display

Battery Voltage Low Indication: LCD signals.

Power: CMS60A: Two AA size 1.5V Alkali Battery; CMS60B:3.7V Li-ion Battery

Power Consumption: less than 20 mA.

Resolution: \pm for SPO2 and ± 1 BPM for Pulse Ratio.

Measurement Accuracy: ± 2 in stage of 70%-99% SPO2 and meaningless when stage being smaller than 70%.

± 2 BPM for Pulse Ratio.

Measurement Performance in Weak Filling Condition: Ox hemoglobin and pulse value can be shown correctly when pulse-filling ratio is 0.4%.

Interference Resistance Capacity against Ambient Light: Deviation is smaller than $\pm 1\%$ between value of Oxyhemoglobin measured in natural lighting indoor condition and Present lighting sources and that measured in dark room.

Option: ECG waveform Display, Heart rate, HR Alarm, SD Card for 24 hours storage,



TRUMP-007

Large TFT color LCD display:160x128



Probe for: adult, Neonate 1.8" and infant
Power: 1000 mAh L: thumb battery, AC charger
SpO₂: 35% -99% Pulse Ratio: 30-250 BPM
Resolution: ±1% for SpO₂, ±1 BPM for pulse Ratio
Accuracy: ±2%(70%-99%), unspecified(35%-70%), ±2 BPM for Pulse Ratio
Plethysmogram display, Battery Indicator
Alarm setting for SpO₂ and Pulse
New look, delicate designed
Simple operation for fast, easy test
Superior accuracy and durability
Shut off automatically
Wider viewing angle with large color LCD display
Portable, fashionable, selectable color
Lower voltage alarm display
Simple operation, friendly menu interface
Flash memory with review history data function (option)
Interference resistance capacity against ambient light
Can be used in: Hospitals, Emergency services, Pre & Post operation, Transport, Procedure room, Nursing homes. Urgent care, Sleep evaluation, Physician's office .



Large LCD Display: 160× 96, LED Back Light
Recording Systems: Thermal-array; Paper: Roll 57mm×25m
SpO₂: 35% -99%; Pulse Ratio: 30-250 BPM
Accuracy: SpO₂: ±2%(70%-99%), Pulse Ratio: ±2 BPM
SpO₂ Alarm: 0-100%; Pulse Alarm: 30-250BPM
Plethysmogram display
Real Time Clock; Battery Indication

Power: 2500 mAh 8.4V L: thumb battery AC: adapter: 85V-235VV, 3A
Size: 190mm× 90mm× 40mm; Weight: 800g
Option: single channel ECG monitor (3 leads), Heart Rate, HR Alarm
Simple operation, friendly menu interface
AC/DC power supply
Large LCD display, low battery indicator
Portable design, convenient to carry at all times
Impressive battery life with a quick recharge
Built-in thermal printer, high printing quality