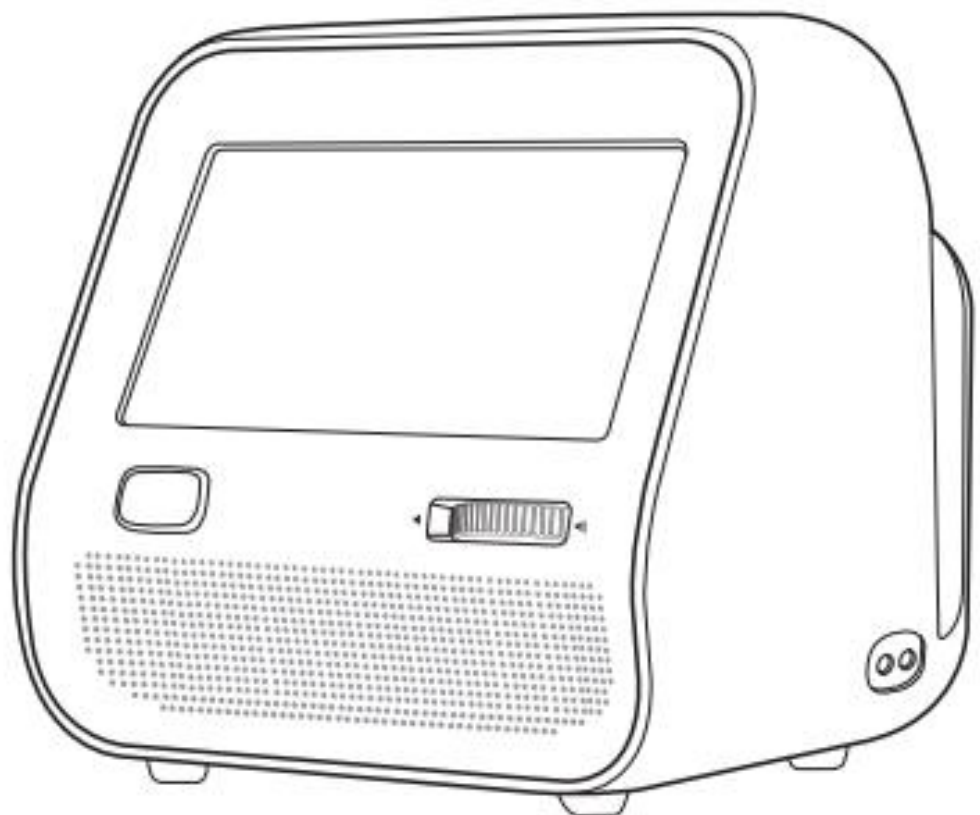


KOROT P3 Accurate

User's Manual (Manuel d'utilisation)



KOROT

Please note the important information below before reading this manual.

	Warning Avertissement	Failure to observe these precautions can result in personal injury or device damage. <i>Le non-respect de cette précaution pourrait entraîner des blessures ou des dommages matériels.</i>
	Caution Attention	Failure to comply with safety precautions can damage the device. <i>Le non-respect des règlements et des avertissements de sécurité peut causer des dommages corporels ou matériels</i>
	Note Remarque	Additional Information. <i>Le but est d'aider les utilisateurs à comprendre.</i>

Contact Information

KOROT

For any problems with P3 Accurate or any clinical questions, please contact us at:

 **KOROT Co., Ltd.**
1-102, 330, Yeongok-gil, Ipjang-myeon, Seobuk-gu, Cheonan-si, Chungcheongnam-do 31026 KOREA
TEL: +82-41-417-0515 FAX: +82-41-417-0516
Website: www.korot.com E-mail: info@korot.com

Customer Service Information InBody USA
13850 Cerritos Corporate Dr. Unit C Cerritos, CA 90703 USA
TEL: +1-323-932-6503 FAX: +1-323-952-5009
Website: inbodyusa.com E-mail: info.us@inbody.com

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Visit our website (www.korot.com) to view and download additional information about the P3 Accurate. KOROT Co., Ltd. reserves the right to modify the appearance, specifications, etc. of this product to improve its quality, without prior notice.

Not MR safe

Warnings and cautions described in the user's manual should be observed at all times.



N'est pas sécuritaire en salle d'IRM

Les mises en garde et avertissements énumérés dans le Manuel de l'utilisateur doivent être observés en tout temps.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF Exposure:

This equipment should be installed and operated with minimum 20 cm between the radiator and your body.

Part15.21 statement:

Changes or modifications not expressly approved by the manufacturer (or party responsible) for compliance could void the user's authority to operate the equipment

Warnings

※In general

- Consult a doctor before using P3 Accurate if you have cardiovascular disease.
- P3 Accurate is a device to measure the blood pressure and pulse rate. Do not use it for any other purpose.
- Results can only be interpreted by experienced medical professionals, and cannot be used for diagnosis, medication, or other treatment by the consumer's arbitrary judgment without a doctor's prescription.
- Do not use near MRI equipment or in the EMC environment.
- Do not use in combination with defibrillator or hyperbaric oxygen therapy equipment.
- Except for the medical professionals, do not use the device with other medical or electronic devices at the same time.
- Do not use in an environment where there is a risk of flame such as gas or chemical substances.
- The application of the cuff and its pressurization on any limb where intravascular access or therapy, or an arterio-venous (A-V) shunt is present could result in injury to the patient because of the temporary interference with blood flow.
- Do not open or perform any internal modifications on P3 Accurate.
- If the patient feels severe pain or abnormalities during measurement, immediately stop measuring blood pressure.
- Do not use P3 Accurate on an injured arm or during arm treatment.
- Do not measure on an arm receiving an intravenous injection or blood transfusion.
- If this device has been modified, proper inspection and testing must be carried out to ensure its continued safe use.
- In case of an emergency during the measurement, press the Start/Stop button or unwrap the cuff.
- Do not use P3 Accurate along with HF SURGICAL EQUIPMENT.
- Too frequent measurements can cause injury to the patient due to the blood flow interference.
- By examining the affected limb, ensure that the device's operation does not result in a prolonged impairment of the patient's blood circulation.
- Pressurization of the cuff can temporarily cause loss of function of simultaneously used device on the same limb.
- Continuous cuff pressure due to connection tubing kinking can cause the effect of blood flow interference, resulting potential harmful injury to the patient.
- Do not use this product in places where the use of wireless devices is prohibited. Since this product emits radio frequency (RF) energy in the 2.4 GHz band, it is not recommended to use it in areas where high frequencies are restricted.
- Do not connect the unauthorized device via USB port and Bluetooth.

※Handling the Adapter

- Be sure to use only the Adapter supplied with P3 Accurate. Using an adapter other than the one provided could result in damage to P3 Accurate or malfunction.
- Never handle the AC adapter or its plug with wet hands when plugging into, or unplugging from, an outlet or P3 Accurate.
- Do not use P3 Accurate when the cord of AC adapter has been damaged.

Avertissements

※ Généralités

- *Veuillez consulter un médecin avant d'utiliser le P3 Accurate si vous souffrez d'une maladie cardiovasculaire.*
- *P3 Accurate est un dispositif de mesure de pression artérielle (tensiomètre) et de rythme cardiaque. Ne l'utilisez pas à d'autres fins.*
- *Les résultats ne peuvent être interprétés que par un professionnel de la santé expérimenté, et ne peuvent être utilisés pour établir un diagnostic, prescrire une médication ou tout autre traitement, au seul jugement arbitraire de l'utilisateur et sans ordonnance d'un médecin.*
- *Ne pas utiliser près d'un équipement d'IRM ou près d'une salle d'urgence.*
- *Ne pas utiliser en même temps qu'un défibrillateur ou qu'un appareil d'oxygénothérapie hyperbare.*
- *À l'exception des professionnels de la santé, ne pas utiliser ce dispositif en même temps que tout autre appareil électrique ou médical.*
- *Ne pas utiliser dans un environnement où il pourrait y avoir des risques d'inflammation (gaz ou substances chimiques).*
- *Enfiler le brassard –et le gonfler– sur un membre où se trouve un accès intravasculaire, un accès veineux pour l'administration d'une thérapie, ou un court-circuit (shunt) artérioveineux pourrait entraîner une blessure pour le patient dû à une interférence temporaire avec le flux sanguin.*
- *Ne pas ouvrir le dispositif P3 Accurate, ni y apporter des modifications internes.*
- *Si le patient ressent une douleur sévère, s'il se sent faible ou étourdi pendant le fonctionnement du dispositif, arrêtez*

l'appareil immédiatement.

- *Ne pas utiliser le P3 Accurate sur un bras blessé ou pendant un traitement.*
- *Ne pas prendre la pression lors d'une injection intraveineuse ou pendant une transfusion sanguine.*
- *Si le dispositif a été modifié, vous devez effectuer une inspection adéquate de l'appareil et un test afin de garantir une utilisation sécuritaire.*
- *En cas d'urgence pendant la mesure, appuyer le bouton marche/arrêt ou détacher le brassard.*
- *Ne pas utiliser le P3 Accurate simultanément à de l'ÉQUIPEMENT CHIRURGICAL à HAUTE FRÉQUENCE.*
- *Des mesures trop fréquentes peuvent entraîner des blessures au patient à cause de l'interférence avec le flux sanguin.*
- *Pendant la prise de pression artérielle, il est important de vérifier que le fonctionnement de l'appareil n'entraîne pas une diminution prolongée de la circulation sanguine du patient en effectuant une vérification visuelle du bras à partir duquel la tension artérielle est mesurée.*
- *La mise sous pression du brassard peut provoquer l'arrêt temporaire d'un appareil utilisé simultanément sur un même membre.*
- *La mise sous pression continue du brassard due à l'entortillement de la tubulure de raccordement peut provoquer une interférence dans le flux sanguin et entraîner une blessure pour le patient.*
- *Ne pas utiliser le dispositif là où il est interdit d'utiliser des appareils sans fil. Étant donné que ce produit émet des fréquences radio dans la bande de 2,4 GHz, il n'est pas recommandé de l'utiliser là où les hautes fréquences sont restreintes.*
- *Ne pas connecter de dispositif interdit dans une prise USB ou Bluetooth.*

✂ Manipuler l'adaptateur

- *Assurez-vous d'utiliser seulement l'adaptateur fourni avec le P3 Accurate. Utiliser un adaptateur autre que celui fourni lors de l'achat pourrait endommager l'appareil ou provoquer un mauvais fonctionnement.*
- *Ne jamais manipuler l'adaptateur AC ou la fiche si vous avez les mains mouillées lorsque vous branchez ou débranchez l'appareil d'une prise de courant ou du P3 Accurate.*
- *Ne pas utiliser le P3 Accurate si le câble d'alimentation de l'adaptateur AC est endommagé.*

Cautions - In general

- Measurements may be inaccurate in the following cases. Please check before use.
 - Patients with arrhythmias
 - Patients with aortic disease
 - Patients with tremor
 - Patients using an artificial heart or artificial lung
 - Patients with a marked drop in body temperature or poor blood circulation
 - If another device is attached to the arm to which the cuff is connected
 - If an improperly sized cuff is connected
 - When measuring while wearing thick clothes
 - When measuring with clothes rolled up
 - Talking or moving while measuring
 - If the position of the cuff is lower or higher than the heart
- The device is not intended for infants.
- The cuff is not made of natural rubber latex.
- Only use dedicated cuffs manufactured by KOROT with this device.
- In the event of an incident related to cybersecurity, side effect or accident, contact KOROT Customer Service. It should be reported to the manufacturer and competent authority.
- Do not use without the arm in the cuff.
- Be careful not to allow foreign substances such as food or beverages to enter into the device.
- Do not wrap the cuff on the arm on the side of a mastectomy or lymph node clearance.
- Only use dedicated Li-ion battery with this device.
- The USB port does not support connection with devices by USB cable.
- Replace the cuff when it becomes dirty or worn out.
- **Federal law restricts this device to sale by or on the order of medical professionals.**

Attention - Généralités

- Les mesures pourraient être inexactes dans les cas ci-dessous. Assurez-vous de vérifier avant l'utilisation :
 - Si le patient souffre d'arythmie*
 - Si le patient souffre d'une maladie ou d'un trouble aortique*
 - Si le patient montre des signes de tremblement*
 - Si le patient a un cœur ou un poumon artificiel*
 - Si le patient montre une baisse importante de sa température corporelle ou montre des signes d'une mauvaise circulation sanguine.*
 - Si un autre appareil est rattaché au même bras qu'est placé le brassard*
 - Si un brassard de la mauvaise taille est utilisé*
 - Si la prise de tension artérielle est effectuée par-dessus des vêtements lourds*
 - Si la prise de tension artérielle est effectuée alors que la manche du patient est roulée et serre son bras de façon importante*
 - Si le patient parle ou bouge pendant la prise de tension artérielle*
 - Si la position du brassard est inférieure ou supérieure au cœur*
- L'appareil n'est pas conçu pour une utilisation chez les tout-petits
- Le brassard n'est pas fait de latex de caoutchouc naturel
- N'utiliser que des brassards fabriqués par KOROT avec cet appareil.
- Contacter le service à la clientèle de KOROT en cas d'incident lié à la cybersécurité, effet secondaire, ou accident. Il doit être signalé au fabricant et à l'autorité compétente.
- Ne pas utiliser si le patient n'a pas enfilé le brassard.
- Veiller à ne pas laisser de substances étrangères, comme des aliments ou des liquides tomber dans l'appareil.
- Ne pas enfiler le brassard du même côté qu'une mastectomie ou qu'un curage ganglionnaire.
- Utiliser seulement des piles Li-ion dans cet appareil.
- La prise USB ne supporte pas la connexion d'autres appareils par câble USB.
- Remplacez le couvercle du brassard lorsqu'il devient sale ou usé
- *La loi fédérale restreint la vente de cet appareil aux professionnels de la santé ou sur ordonnance de ceux-ci.*

Cautions - Before taking a measurement

- Make sure whether the device is not dirty or wet.
- For proper blood pressure management, use the blood pressure monitor after setting the date/time.
- Install the device on a flat, vibration-free floor.
- If the battery level is low, connect the adapter and wait for 10 minutes before taking a measurement.
- Remove thick clothing and do not roll sleeves up.
- Adjust the height of your chair so the cuff is leveled with your heart.
- Take a measurement when you are in a relaxed state. Sit and rest for about 5 minutes prior to taking the measurement.
- Wrap the cuff firmly so that KOROT sensor is pressed against the skin (If not, the measurement may not be accurate).

Attention - Avant de faire fonctionner l'appareil

- Vérifier si l'appareil est propre.
- S'assurer que l'appareil n'est pas mouillé.
- Pour une bonne gestion de la tension artérielle, utiliser le tensiomètre après avoir ajusté la date et l'heure.
- Installer l'appareil sur un plancher stable et libre de toute vibration.
- Si la pile est trop faible, connecter l'adaptateur et attendre 10 minutes avant d'utiliser l'appareil.
- Enlever tout vêtement épais, ne pas rouler les manches.
- Ajuster la hauteur de la chaise de façon à ce que le brassard soit au niveau du cœur.
- Prendre la tension artérielle lorsque vous êtes détendu. Rester assis et se reposer pendant environ 5 minutes avant de prendre la tension artérielle.
- Enfiler le brassard et l'ajuster fermement autour du bras de façon à ce que le capteur soit en contact avec la peau (dans le contraire, la mesure pourrait ne pas être précise).

Cautions - When using P3 Accurate

- Keep still and do not talk while taking a measurement. If you move or talk, the measurement may not be reliable.
- Perform the measurement in a quiet place. Noisy surroundings may affect the measurement results.
- Do not tap KOROT sensor or cuff during the measurement.
- Press START/STOP button during the measurement if you encounter an error message on the monitor (Refer to Q&A).
- Korotkoff sound may be temporarily inaudible if there is an electrical shock during the measurement. It does not affect the measurement result, and the monitor should work properly if you perform the measurement again.
- Do not use P3 Accurate where physical or electrical shocks may occur.
- Stop taking the measurement immediately if you feel pain or abnormality during the measurement.

Attention - Lors de l'utilisation du P3 Accurate

- *Ne pas bouger ou parler pendant la prise de mesure. Dans le cas contraire, la mesure pourrait ne pas être précise.*
- *Effectuer la mesure dans un endroit tranquille. Un environnement bruyant pourrait affecter les résultats.*
- *Ne pas tapoter le capteur KOROT ou le brassard pendant la prise de mesure.*
- *Appuyer sur le bouton MARCHE/ARRÊT pendant la prise de mesure si un message d'erreur apparaît sur l'écran (voir la FAQ).*
- *Les bruits de Korotkoff pourraient être inaudibles en cas de décharge électrique pendant la prise de mesure. Cela n'affectera pas le résultat et l'écran devrait fonctionner adéquatement lors de la reprise de la mesure.*
- *Ne pas utiliser P3 Accurate où des décharges physiques ou électriques pourraient survenir.*
- *Arrêter l'appareil immédiatement si vous ressentez une douleur ou si vous vous sentez étourdi ou faible pendant la prise de mesure.*

Cautions - After using P3 Accurate

- Store the cuff in the holder located in the back of the device.
- Do not overly bend the cuff or the air tube when storing the unit.
- Consult experienced medical professionals for the measurement result.
- If you excessively repeat the measurement, temporary internal bleeding (bruising) may occur due to cuff compression.
- Do not use P3 Accurate in places where water is present and/or with extreme humidity. The monitor can be damaged.
- After use, keep it in a safe place where the unit will not be damaged.
- Once a week, gently wipe the exterior surfaces of the instrument with a lint-free cloth.
- For repackaging, the packaging protection material provided by KOROT Co., Ltd. must be used.
- The cuff cannot be washed. Be mindful to not wet the cuff.

Attention - Après l'utilisation du P3 Accurate

- *Ranger le brassard dans le compartiment à cet effet à l'arrière de l'appareil.*
- *Ne pas plier le brassard ou la tubulure de façon excessive lorsque vous rangez l'appareil.*
- *Consulter des professionnels de la santé expérimentés pour obtenir une explication des résultats.*
- *Dû à la compression du brassard, un saignement interne temporaire (ecchymose) pourrait survenir lors d'une utilisation répétitive excessive de l'appareil.*
- *Ne pas utiliser le P3 Accurate dans des endroits très humides ou s'il y a présence d'eau. L'appareil pourrait s'endommager.*
- *Garder dans un endroit sec et sécuritaire après l'utilisation.*
- *Nettoyer l'extérieur de l'appareil avec un linge doux non pelucheux une fois/sem.*
- *Utiliser l'emballage de protection fourni par KOROT Cie, ltée lors d'un reconditionnement éventuel.*
- *Ne pas laver le brassard. Attention à ne pas mouiller le brassard.*

P3 Accurate is produced under the quality control procedure of KOROT Co., Ltd. which complies with ISO 13485, an international quality management system standard.

P3 Accurate is verified in accordance with IEC 60601-1/A2:2020 and ISO 80601-2-30:2018, international safety standards for electronic medical devices.

P3 Accurate is clinically validated in accordance with the Association for the Advancement of Medical Instrumentation/European Society of Hypertension/International Organization for Standardization (AAMI/ESH/ISO) Universal Standard (ISO 81060-2:2018/A1:2020).

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1. About P3 Accurate

A. Intended Use/Indications for Use

The P3 Accurate is a digital monitor intended for use in measuring blood pressure and pulse rate in user population with upper arm circumference ranging from **15cm to 53cm (6-inch to 21-inch)**. The systolic blood pressure and diastolic blood pressure are measured by non-invasive blood pressure ("NIBP") measuring method and also by utilizing the auto auscultation method and oscillometric method. The P3 Accurate may provide useful clinical information about the current health status of not only the users who are diagnosed with hypertension but also those who are not diagnosed with hypertension. Warnings and cautions described in the user's manual should be observed at all times.

*This device is not designed for use in home environment.

Le P3 Accurate est un appareil de mesure numérique de la tension artérielle (tensiomètre) et du pouls pour des utilisateurs dont la circonférence du bras se situe entre 15 et 53 cm (6 et 21 pouces). Les pressions artérielles systolique et diastolique sont mesurées par une méthode de mesure non invasive de la pression artérielle ainsi que par une méthode d'auscultation automatique et oscillométrique. Le P3 Accurate peut fournir des renseignements cliniques utiles à propos de l'état de santé actuel des utilisateurs ayant reçu un diagnostic d'hypertension, mais aussi chez les personnes n'ayant pas reçu ce diagnostic. Les mises en garde et avertissements énumérés dans le Manuel de l'utilisateur doivent être observés en tout temps.

**Cet appareil n'est pas conçu pour une utilisation à domicile.*

B. Measuring Blood Pressure Using P3 Accurate

Automated auscultation is a method that combines the accuracy of auscultation, and the convenience of the oscillometric method.

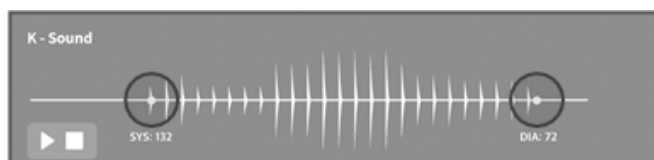
The automated auscultation technology applied to P3 Accurate is technology that combines the accuracy of the auscultation method with the convenience of the oscillometric method of measuring blood pressure. The signals are electronically processed to compensate for the possible errors in the auscultation method caused by movement, external noise, etc., enabling a more accurate blood pressure measurement.

※ What is Auscultation?

Auscultation is a method of measuring blood pressure directly using stethoscope, pressure gauge, and a cuff. It is one of the most traditional and well-recognized standard of blood pressure measuring method. Wrap the upper arm with a cuff, inflate the cuff to pressurize the artery that passes under the skin to completely occlude the blood flow. Then release the air to reduce pressure, and use a stethoscope to listen to the sound from the pressed arteries when blood flows back into the pressed area. The sound generated at this moment is called the Korotkoff sound, and it is known to be caused by turbulence caused by the blood flow. As the pressure in the cuff falls to or below the patient's systolic blood pressure, some blood will be able to pass through the upper arm and the first Korotkoff sound is heard. Korotkoff sound continues to be heard as long as the pressure in the cuff is between the systolic and diastolic pressures, and it disappears altogether when the pressure in the cuff drops below the diastolic pressure. When the pressure in the cuff drops below the diastolic pressure, the cuff no longer interferes with blood flow, so there is no more audible sound as the blood flows without the turbulence.

※ What is the oscillometric method?

The oscillometric method is similar to the auscultation method, where the cuff is inflated to reach above the systolic pressure and then deflated. The blood pressure is measured using the pressure change in the blood flow while the cuff is being deflated. Systolic, diastolic, and mean pressure are estimated based on oscillometric waveforms generated by the pressure changes. Compared to auscultation, it is convenient because it is easy to use and is less affected by external noise or movement, so it is widely used in automatic blood pressure monitors. However, conventional automatic blood pressure monitors, which use their own estimation algorithms, have problems with different measurements and poor accuracy. To perform a measurement, P3 Accurate inflates the cuff above the systolic pressure and then deflates it to obtain the cuff pressure value and Korotkoff sound. As the pressure falls to the patient's systolic blood pressure, the first Korotkoff sound is heard. When the pressure drops below the diastolic pressure, it disappears after the last Korotkoff sound is heard. P3 Accurate determines whether a Korotkoff sound is heard using the volume, distribution, oscillometric signal, and filter of the sound acquired during the measurement, and determines the blood pressure value.



The resulting Korotkoff sound appears as shown in the figure above, marking the first sound heard with the systolic pressure (SYS) and the last sound heard with diastolic pressure (DIA).

C. Product Components

❶ P3 Accurate



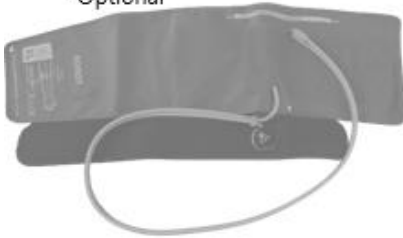
❷ S-Size Cuff
*Optional



❸ XS-Size Cuff
*Optional



❹ XL-Size Cuff
*Optional



❺ L-Size Cuff



❻ M-Size Cuff



❼ AC Adapter



❽ Power cord



❾ User's Manual



❿ Battery



⓫ KOROT Sensor Cover(3ea)



⓬ Pouch for Cuff



⓭ Mobile Cart (Optional)

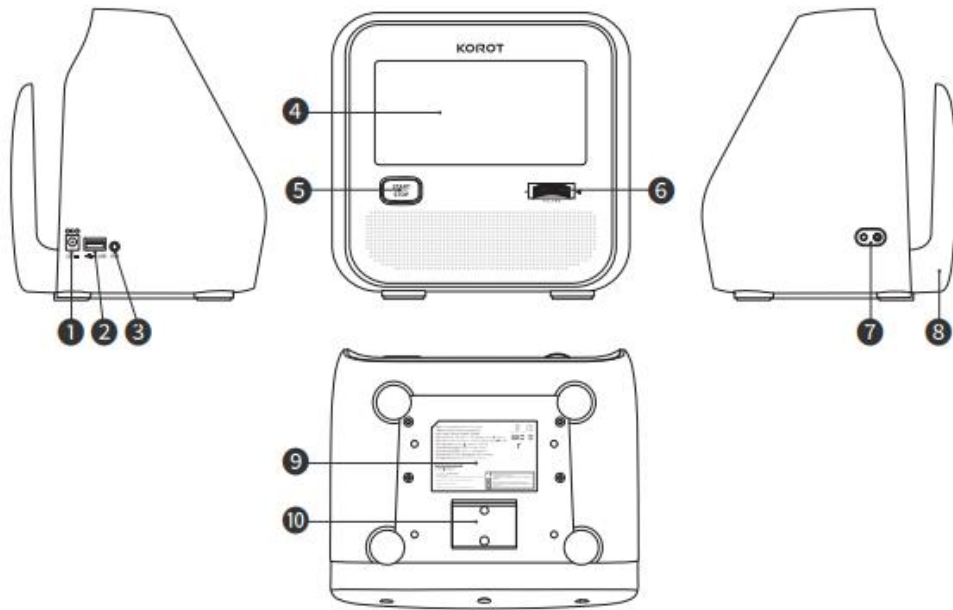


NOTE

- Please check the product components when opening for the first time.

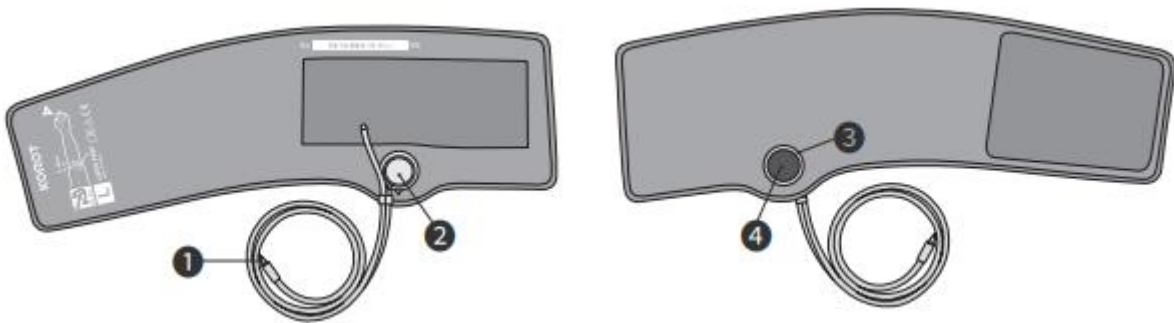
D. Exterior and Functions

※ KOROT Device



No.	Item	Function
①	Power connector	For connecting with the 12V adapter for charging the battery
②	USB connector	For result data transfer
③	Stereo connector	For connecting with the headphones
④	Touch Display	Displays measurement results and device status
⑤	Start/Stop button	Start or stop measurement
⑥	Volume wheel button	For adjusting the device volume
⑦	Cuff connector	For connecting the dedicated cuff
⑧	Cuff holder	For storing the cuff when not in use
⑨	Label	Label with basic product information
⑩	Battery cover	A cover for the rechargeable battery

※ KOROT Cuff

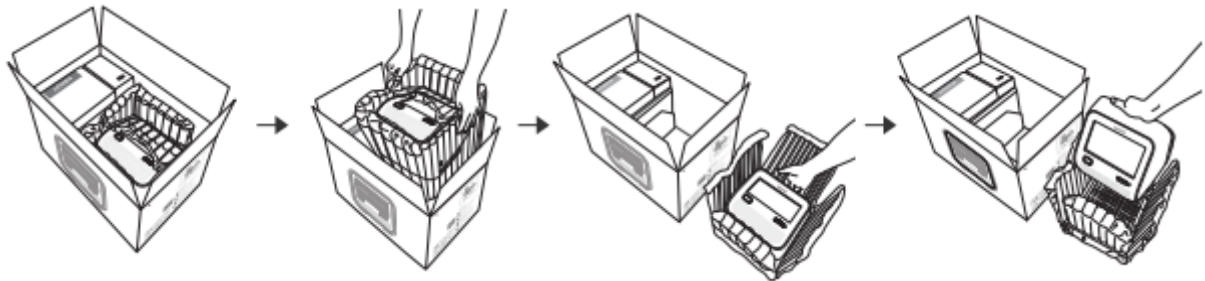


No.	Item	Function
①	Cuff connector	For connecting to the device
②	KOROT sensor (top side)	Collects KOROT signals (Korotkoff sound)
③	KOROT sensor (bottom side)	Collects KOROT signals (Korotkoff sound)
④	KOROT sensor cover	Protects KOROT sensor

2. Using P3 Accurate

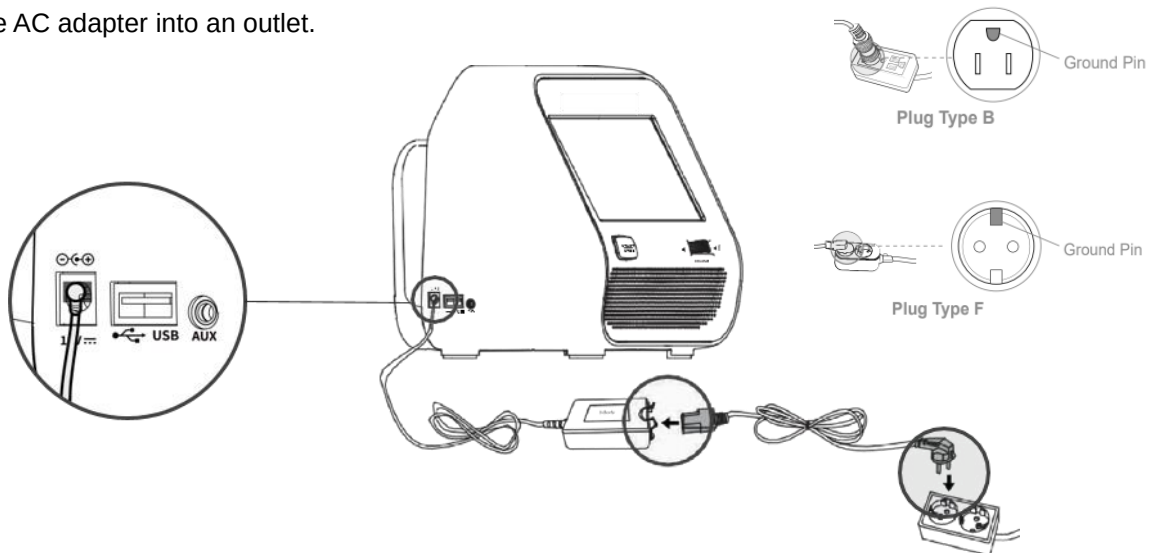
A. Preparing to Use

- ① Pull the device from the box using the handle on the top.



- ② Insert the AC adapter provided with the product into the AC adapter jack on the left side of the monitor.

- ③ Plug the AC adapter into an outlet.



NOTE

- Remove the protect film before the use.

- ④ Press the START/STOP button to power on the device.

Caution

- Use only the dedicated AC adapter that came with this monitor (12[V] 3.34[A] or 3.4[A]).
- The battery level may be low when powering on the product for the first time. Please charge before use.
- The length of the adapter cable provided is about 112 inches (285 cm). Change the power cord if you need a longer length.
- A notification pop-up window appears when the battery level is less than 10%. Please connect the charging adapter.
- While storing and not using the device, it is recommended to charge the battery to at least 50% every 6 months.

-  : Battery is full.
-  : Battery level is low.
-  : Out of battery. Charge the battery.

Attention

- Utiliser seulement avec l'adaptateur AC fourni avec cet appareil (12 [V] 3,34 [A] ou 3,4 [A]).
- La pile pourrait être faible lors de l'utilisation initiale. Veiller à la charger avant son utilisation
- La longueur du câble d'alimentation fourni avec l'appareil est d'environ 285 cm (112 po). Changer le câble d'alimentation au besoin.
- Une notification apparaît à l'écran si le niveau de la pile est de moins de 10 %. Le cas échéant, brancher l'adaptateur de recharge.
- Lorsque l'appareil est inutilisé et entreposé pour une période prolongée, il est recommandé de charger la pile à au moins 50 % de sa capacité tous les 6 mois.



: Pile complètement chargée



: Pile faible



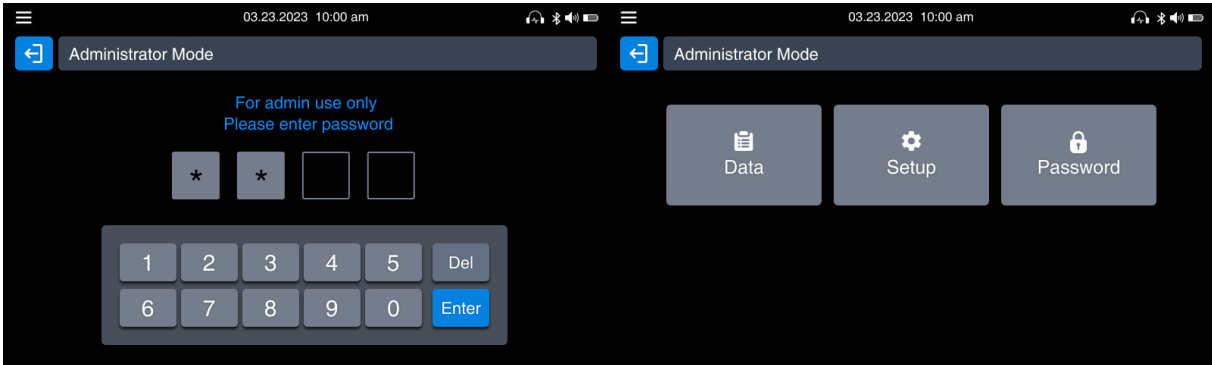
: Pile complètement déchargée. Charger la pile.

B. P3 Accurate Settings

※ Device setting

① Press the  button on the top and input the password to enter the administration mode.

* The initial password is 0000.



② Press Setup and the following screen appears.

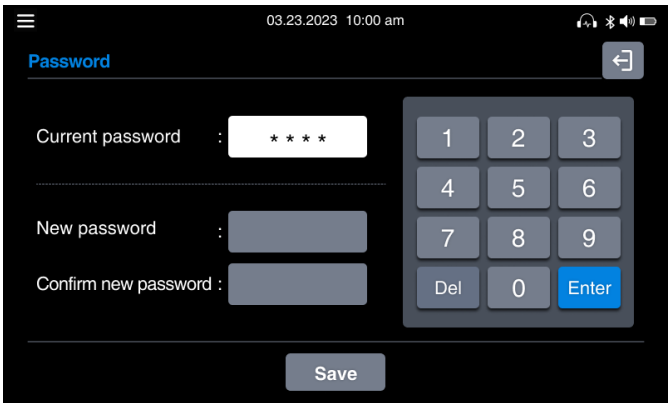


No.	Item	Function
①	Date & Time	Change the date and time setting
②	Language	Change the language setting
③	Result Display Time	Change the duration of time that shows the results on the screen
④	Brightness	Change the brightness of the screen

※ Setting Password

① Press the  button on the top and input the password to enter the administration mode. In the Administrator Mode menu, press Password to set a new password.

* The initial password is 0000 and **it is recommended to change password regularly.**



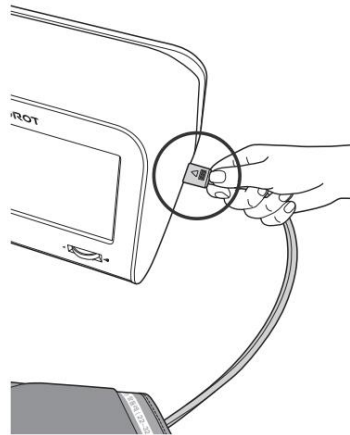
C. Starting Measurement

※ Before you use

- It is recommended to take a break for 5 to 10 minutes before the measurement.
- Do not smoke and drink alcohol or caffeine 30 minutes before the measurement.
- During the measurement, please relax and take measurement in a stable state.
- Do not talk or move during the measurement.

※ Preparing for the measurement

- ① Connect the cuff with the triangle shape facing up.



NOTE

- Use the cuff that fits around your arm.
(XS: 6~7, S: 7~9, M: 9~13, L: 13~17, XL: 17~21 [in])
(XS: 15~18, S: 17~22, M: 22~32, L: 32~42, XL: 42~53 [cm])



Caution

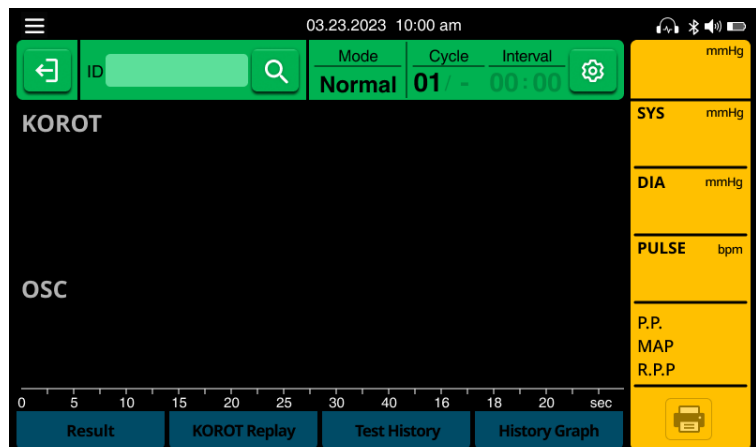
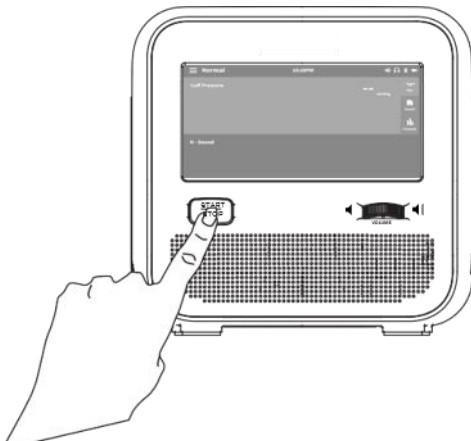
- Measurements will not be performed if the cuff is not connected correctly



Attention

- *Les mesures ne seront pas effectuées si le brassard n'est pas connecté adéquatement.*

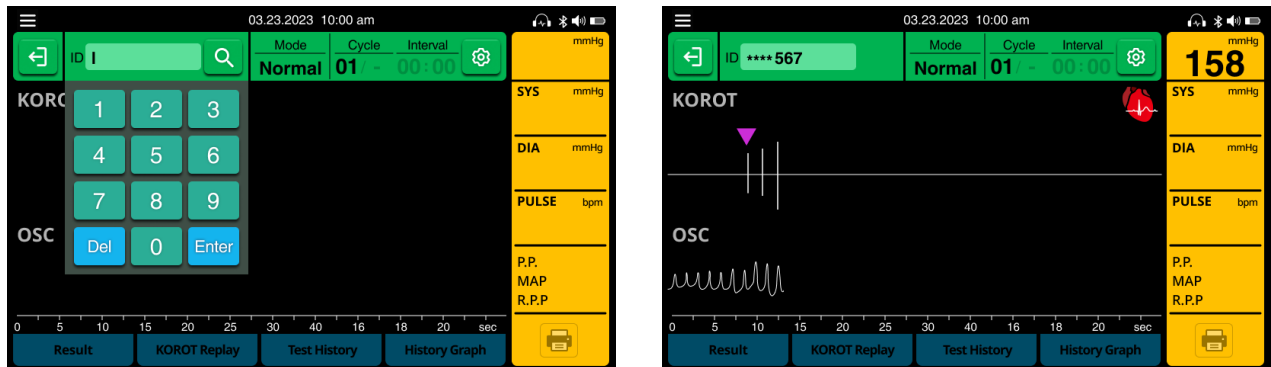
- ② Press  button to power on P3 Accurate, and the following screen appears.



✖ Choosing the measurement mode

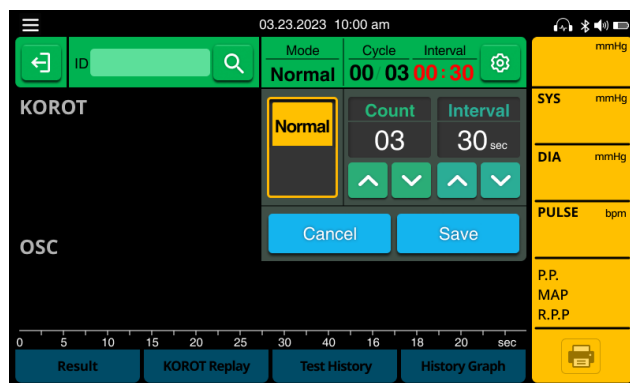
① Normal Mode

This mode is used for general KOROT test. You can measure once and check the result.



② Cycle Mode

This mode performs continuous KOROT test at regular intervals. **Press the cog wheel button to set Cycle Mode.** You can set upto 99 blood pressure measurements at intervals of at least 30 seconds to a maximum of 90 minutes.



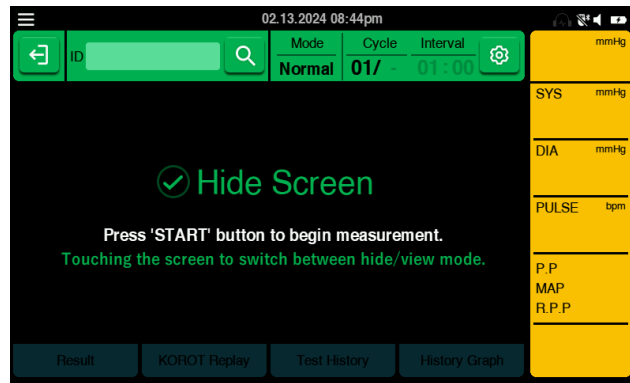
③ Child Mode

This mode is used when measuring children with thin arms. It is a more precise pressurization function.



④ Hide Mode

If you touch the screen once, it changes to the hide mode that hides the measurement process. Touch again to return to the original screen.



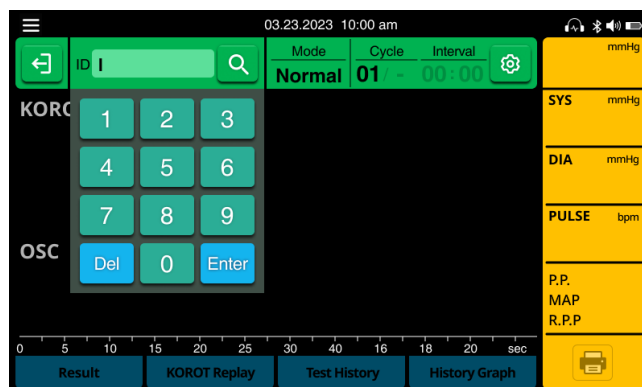
⑤ Customized Pressure Setting

Adjust the maximum pressure applied to the cuff during the measurement, which can be set from 70mmHg to 300mmHg. It can be set by pressing the mmHg button shown in the image below.



※ Entering patient ID

① If you press  button on the screen, the following screen appears.



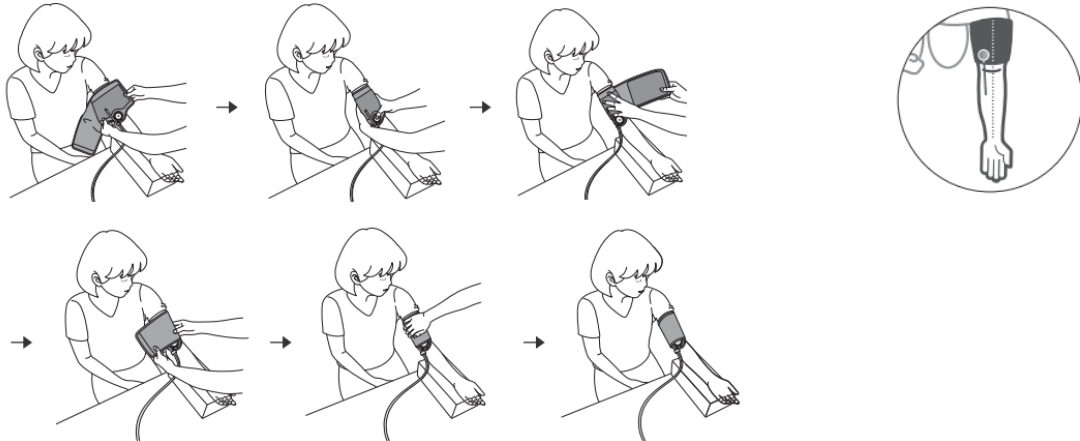
② Enter the ID you want to enter and press the Enter button.

③ If the ID information is entered prior to taking the test, the test results are automatically saved and can be viewed afterwards.

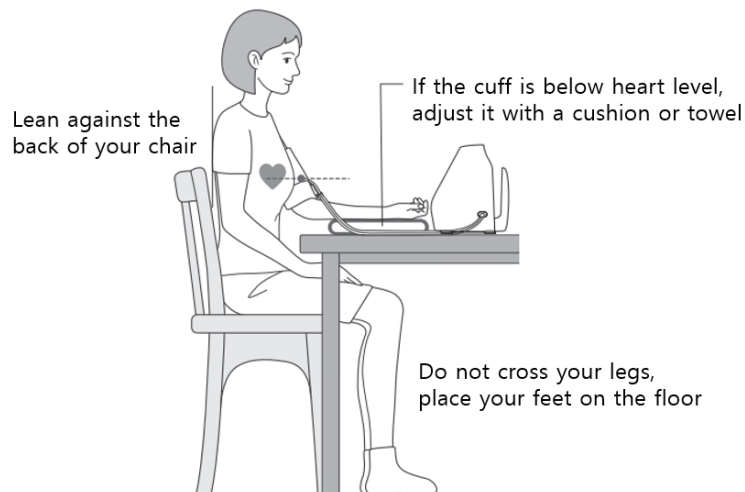
D. Taking Measurement

※ Wearing the cuff

- ① Choose the cuff appropriate for the user's arm size, and wrap it around the left upper arm.
- ② Wrap the cuff so that the KOROT sensor is located right on the artery.
 - * Slightly press the KOROT sensor to the skin while wrapping the cuff around the arm for the proper positioning of the KOROT sensor.



- ③ Have a seat like the image below and the arm should be placed on the table, comfortable and in level with the heart.



⚠ Caution

- Wrap the cuff tightly enough for the KOROT sensor to be pressed against the skin.
- If the arm with the cuff is significantly higher or lower than the heart level, then the test results may be unreliable.
- If the KOROT sensor is incorrectly positioned, the measurement result can be inaccurate.

⚠ Attention

- *Enfiler le brassard et l'ajuster fermement autour du bras de façon à ce que le capteur soit en contact avec la peau.*
- *La mesure pourrait être inexacte si le bras utilisé pour la prise de tension artérielle était plus élevé ou beaucoup plus bas que le cœur.*
- *Si le capteur KOROT n'est pas positionné adéquatement, le résultat pourrait être inexact.*

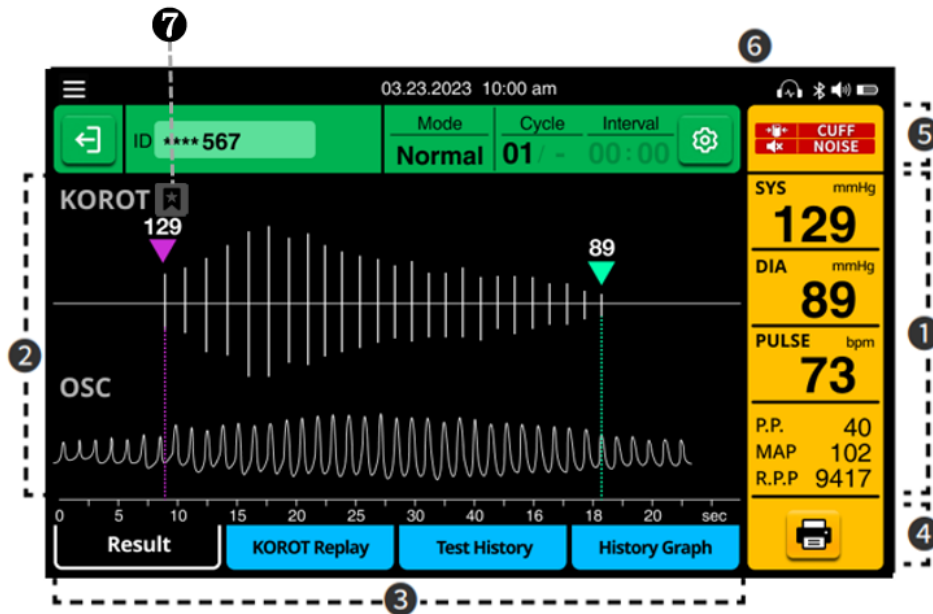
※ Start KOROT test

- ① Press the START/STOP button to start KOROT test.
- ② If the test is taken in a noisy environment, or if the user talks during the test, the test results may be unreliable.

E. Measurement Result

※ Checking the result

① After the measurement, the following screen appears.



No.	Content	
①	Displays systolic pressure, diastolic pressure, pulse rate, pulse pressure, mean arterial pressure and rate pressure product.	
②	The KOROT graph (KOROT signal/oscillometric waveform), systolic/diastolic BP are displayed. Symbols (🔍) will be displayed where irregular heartbeat is detected, and the user may move the blue arrow to check the BP at a certain point during the test.	
③	Check the result, history of data measured and trend graph, and replay the measurement.	
④	This button sends commands to output test results.	
⑤	IHB	When irregular pulse wave is detected.
	NOISE	When noise is detected.
	MOVE	When movement is detected while measuring.
	CUFF	When the cuff is wrapped loosely.
⑥	OSC	When it is difficult to measure with the KOROT sound and measured with oscillometric method.
⑦		The bookmark function allows the result to be fixed on the second row of the result sheet. However, only one measurement result can be selected.

② The result screen is displayed for 2 minutes and the result is saved as history data.

* Press KOROT Replay to recheck the measurement process and listen to the Korotkoff sound again.

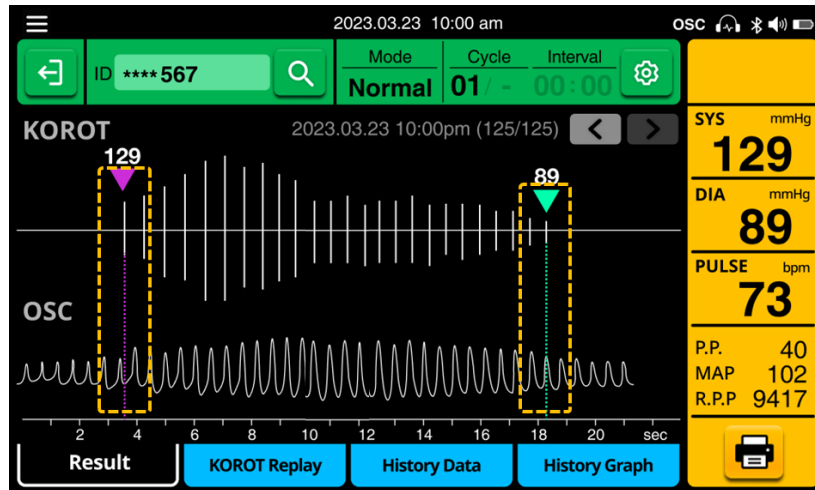
⚠ Caution

- The volume and number of Korotkoff sound varies among individuals.
- Do not forcefully operate the Volume Wheel button. The monitor can be damaged.

⚠ Attention

- Le volume et le nombre de bruits de Korotkoff varient selon les individus.
- Ne pas ajuster le volume de façon abusive. L'appareil pourrait s'endommager.

- ③ Immediately after measurement is completed, the inside of the yellow box blinks twice. If needed, you can edit the result by dragging the purple/cyan line inside the yellow box to the left or right. This function is used when it is necessary to modify the results based on the judgment of a medical expert.



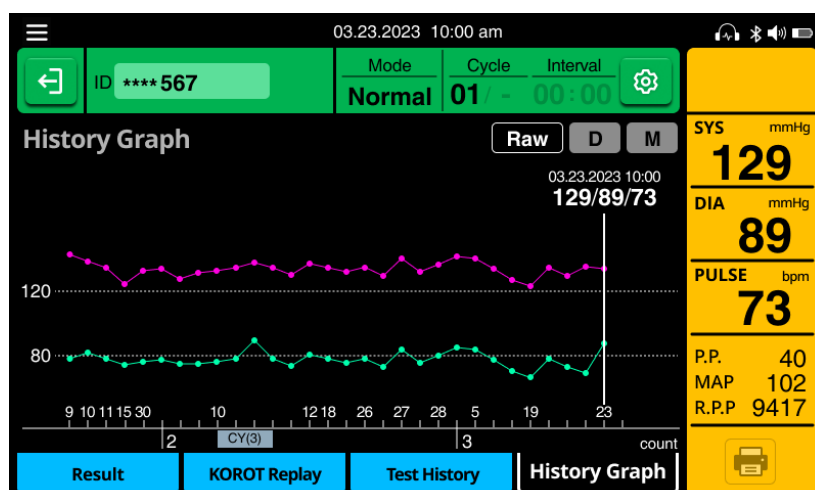
※ Checking the history data

- ① Press History Data and check the measured history data.
 ② If you have measured your blood pressure for several times, you can check the average result.

Date	Time	Count	SBP	DBP	PULSE	P.P.	MAP	R.P.P.	Note
08.04.2022	10:08 am	2/2	120	75	79	90	90	3234	
08.04.2022	10:07 am	1/2	168	110	187	192	192	3222	
07.22.2022	10:05 am	1	140	92	88	88	88	3129	
07.20.2022	09:80 am	1	145	90	84	90	90	3234	
07.16.2022	09:47 am	1	140	92	91	95	95	3234	
07.11.2022	09:45 am	1	138	90	92	90	90	3234	
07.08.2022	10:00 am	3/3	142	91	88	90	90	3234	
07.08.2022	10:00 am	2/6	140	88	85	90	90	3234	

※ Checking the history graph

- ① Press History Graph to check the patient's blood pressure test results in line graphs.



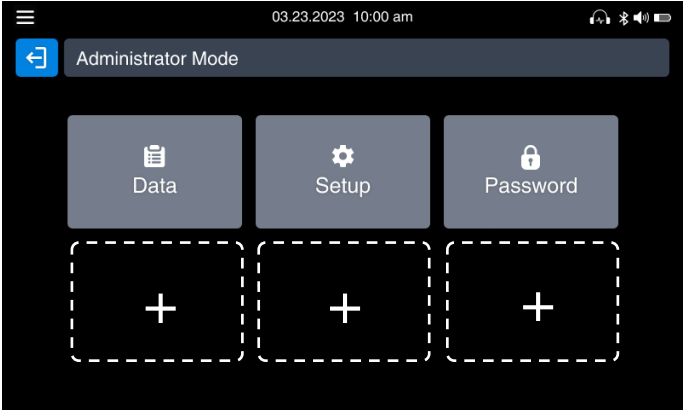
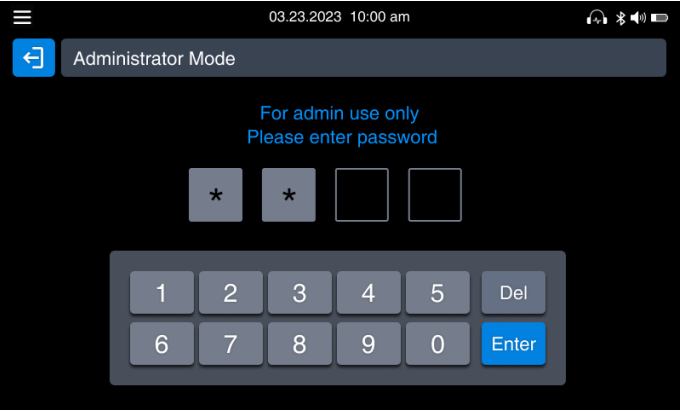
*** Explanation of the Measurement Result and the Method of Calculation**

SYS	Systolic Blood Pressure (SBP)
DIA	Diastolic Blood Pressure (DBP)
PULSE	Pulse Rate [bpm]: Heart rate per minute / The heart rate per minute is displayed.
P.P.	Pulse pressure (P.P) is the difference between your systolic blood pressure and diastolic blood pressure. It changes with each stroke volume of the heart. In addition to changes in stroke volume, pulse pressure may increase depending on the degree of arteriosclerosis.
M.A.P.	Mean Arterial Pressure [mmHg] $[1/3 \times \text{SYS} + 2/3 \times \text{DIA}]$ * https://en.wikipedia.org/wiki/Mean_arterial_pressure
R.P.P.	R.P.P is an indicator related to the amount of load on the heart muscle and the amount of energy consumed by the heart. It is calculated as the product of the heart rate and the systolic blood pressure $[\text{PR} \times \text{SYS}]$. * M Ansari, H Javadi, M Pourbehi, et al. The association of rate pressure product (RPP) and myocardial perfusion imaging (MPI) findings: a preliminary study. Perfusion 2012; 27(3): 207-213

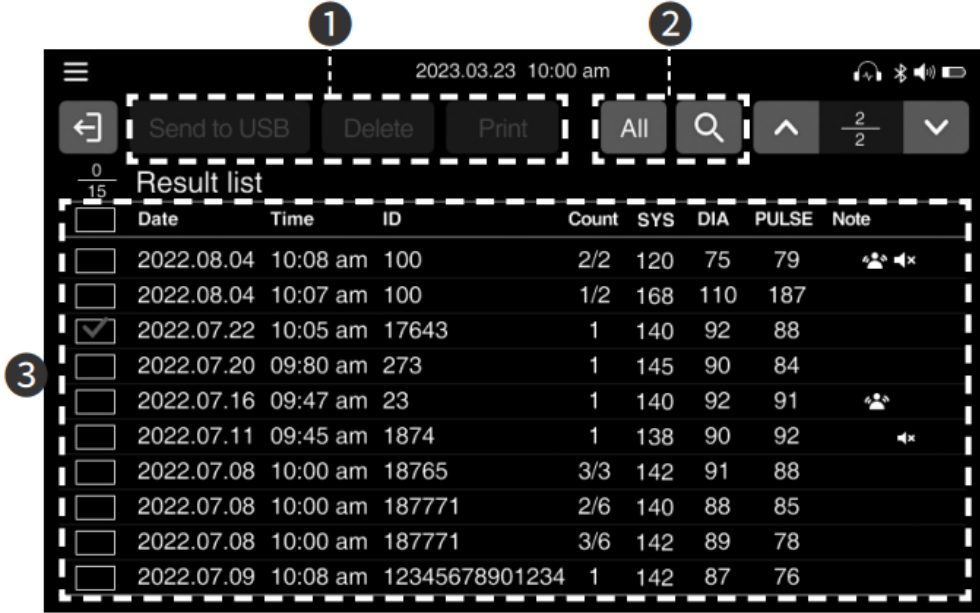
* Mean Arterial Pressure (MAP) is an ESTIMATED number.

F. Managing Measurement History

- ① Press the  button on the top and input the password to enter the administration mode.
* The initial password is 0000.



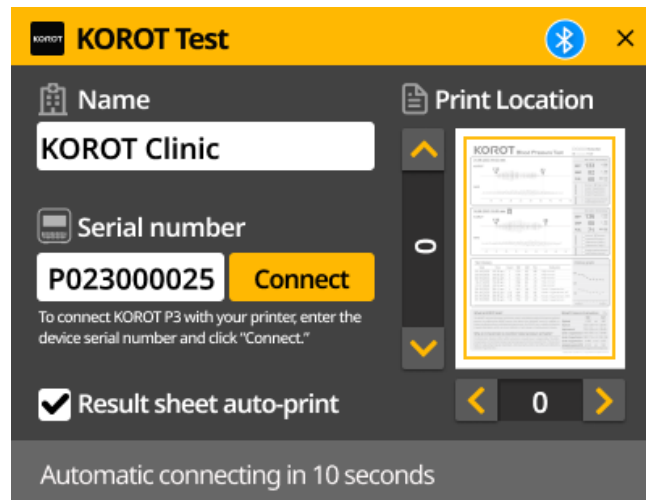
- ② Press Data and the following screen appears.
*It is recommended to back up the data to USB memory stick regularly.



No.	Description
①	Select data to transfer to a USB memory stick, delete from the device, or print
②	You can see all data history, or search for specific data by entering the Patient ID number
③	Details of the measured results

G. Result Sheet Printing

- ① Download the result sheet printing program on the KOROT website (www.korot.com).
- ② Unzip the downloaded KorotPrint.zip file.
- ③ Execute the KorotPrint.exe file in the unzipped KorotPrint folder.
- ④ When the installation is completed, the KOROT test window will run on the desktop.



- * You can set the name in the initial setting, and the name is printed together at the top right of the result sheet.
- * The serial number does not need to be set for one product, and please enter it to distinguish between two or more products.
- * The device connection is automatically made after 10 seconds, and when the connection is completed, the Bluetooth icon appears on the top right of the product.

- ⑤ After connecting the printing program and measuring blood pressure with KOROT P3 Accurate, you can print the result sheet. If you want to print additional copies, press the print button at the bottom right on the P3 Accurate screen.



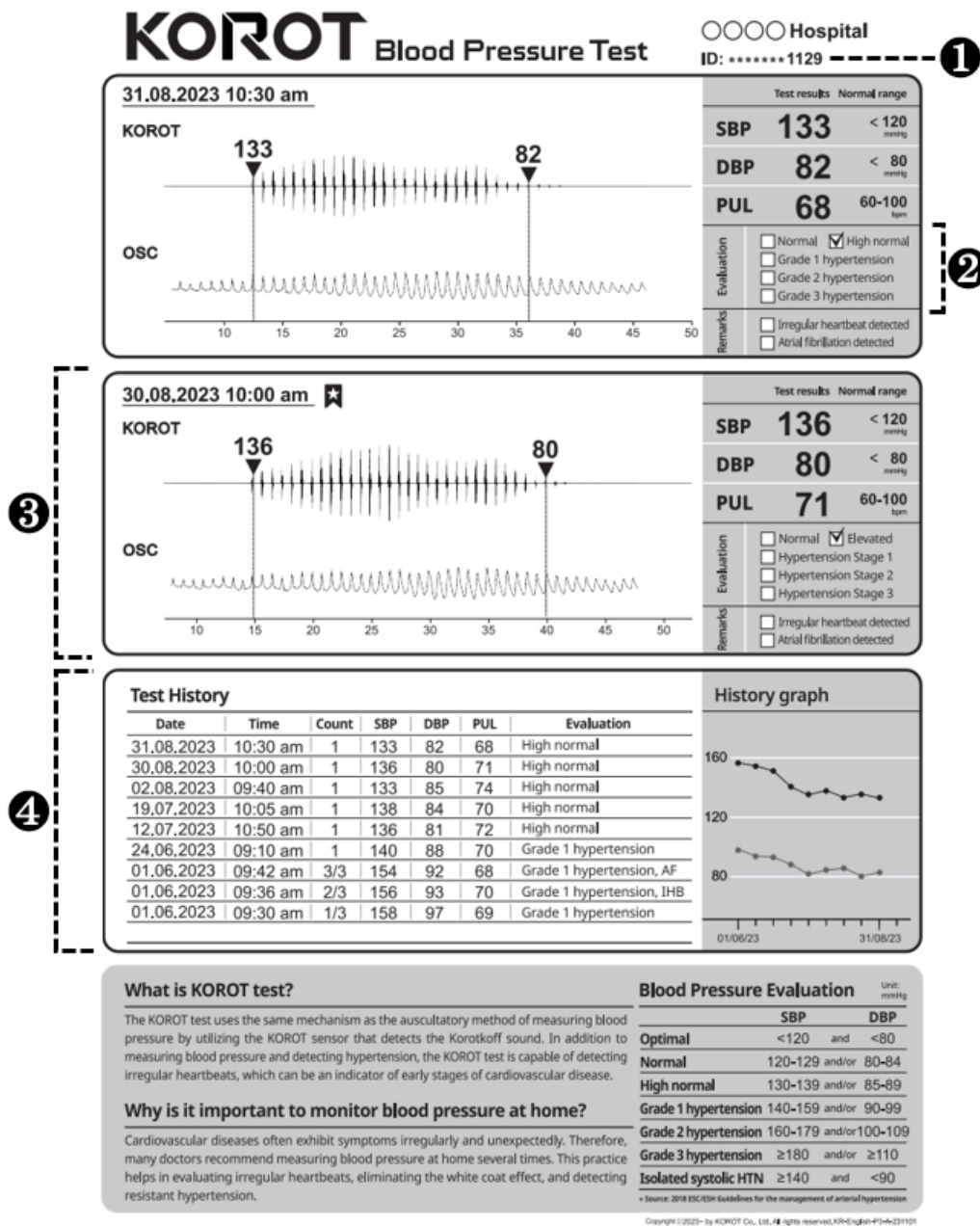
Caution

- Do not download the print program from sources other than the KOROT website



Attention

- Ne téléchargez pas le programme d'impression à partir de sources autres que le site web de KOROT.



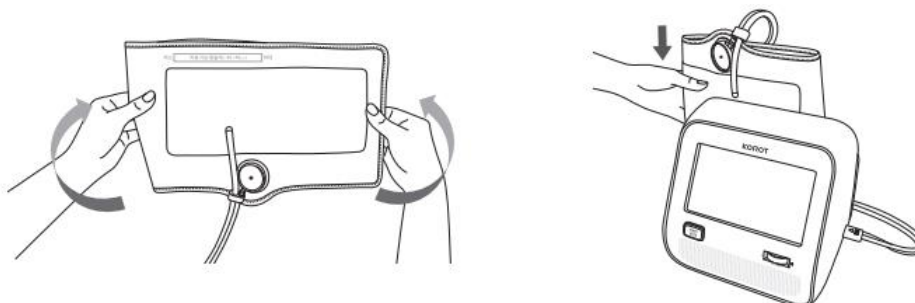
No.	Content
①	Patient ID is displayed with * marks
②	The level of high blood pressure is checked according to the high blood pressure range specified by the American Society of Hypertension .
③	The bookmarked result appears on the second row. If not, the previous result appears.
④	You can check the test history.

3. Storing and Maintenance

A. Storing and Maintenance

※ Storing P3 Accurate

- ① Always keep P3 Accurate clean by using a soft, lint-free cloth.
- ② Unfold the cuff and put it in the holder behind the monitor body.



NOTE

- If not used for a long period of time, it is recommended to store it in the package provided.
- To store and transport P3 Accurate safely, you must meet the criteria below.
- It is recommended to get preventive inspection every 2 years to maintain its performance and safety.

* Environment Condition

Item	Transport/Storage Condition	Operation Condition
Temperature	-20°C (-4°F) ~ 60°C (140°F)	0°C (32°F) ~ 40°C (104°F)
Relative humidity	10 ~ 95% RH (No Condensation)	15 ~ 85% RH
Air pressure	50 ~ 106 kPa	70 ~ 106 kPa

⚠ Caution

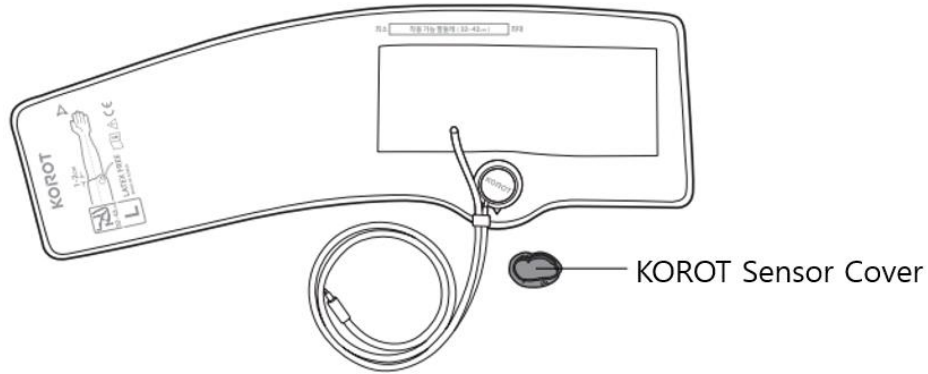
- Do not put anything on P3 Accurate itself or on the box storing it.
- Keep P3 Accurate away from water.
- Do not subject the monitor to extreme hot or cold temperatures, humidity, direct sunlight, dust, bleach, or corrosive gas.
- Do not store P3 Accurate in a place subject to vibration or shock.
- Do not use flammable substances such as volatile liquids or benzene thinner to clean the monitor body or cuff.
- The cuff is not washable. Keep the cuff from water.
- Do not forcefully fold or press the cuff. It can cause the cuff to be damaged.
- Do not detach the KOROT sensor from the cuff.

⚠ Attention

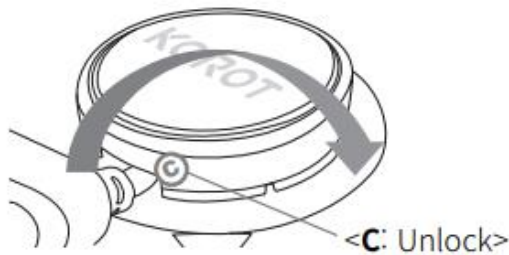
- Ne rien déposer sur l'appareil P3 Accurate ni sur sa boîte d'entreposage.
- Garder le P3 Accurate éloigné de toute source d'humidité.
- Ne pas soumettre l'appareil à des températures extrêmement froides ou chaudes, à de l'humidité, à la lumière du soleil, à la poussière, à l'eau de javel, ou à des gaz corrosifs.
- Ne pas entreposer le P3 Accurate dans un endroit sujet aux vibrations ou à des chocs.
- Ne pas utiliser des substances inflammables comme des liquides volatiles ou des dissolvants à base de benzène pour nettoyer l'appareil ou le brassard.
- Le brassard n'est pas lavable. Garder le brassard éloigné de toute source d'eau.
- Ne pas plier ou presser le brassard de façon excessive, cela pourrait l'endommager.
- Ne pas séparer le capteur KOROT du brassard.

B. Replacing KOROT Sensor Cover

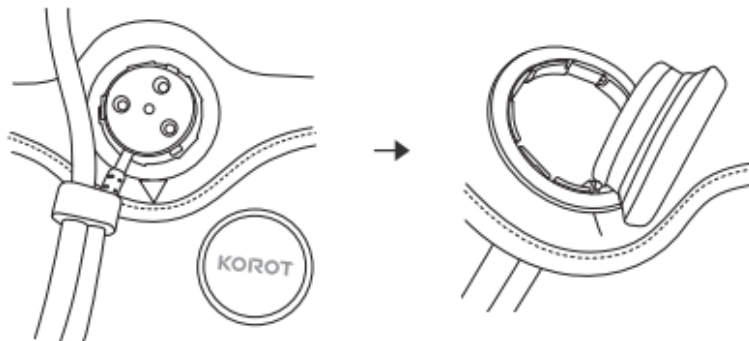
- ① Prepare the cuff and a spare KOROT sensor cover to replace.



- ② After turning the KOROT sensor case clockwise to unlock it, lift it up and separate it from the cuff.



- ③ Separate the microphone with the KOROT sensor cover from the cuff.



- ④ Hold the band of the old KOROT sensor cover and remove it.

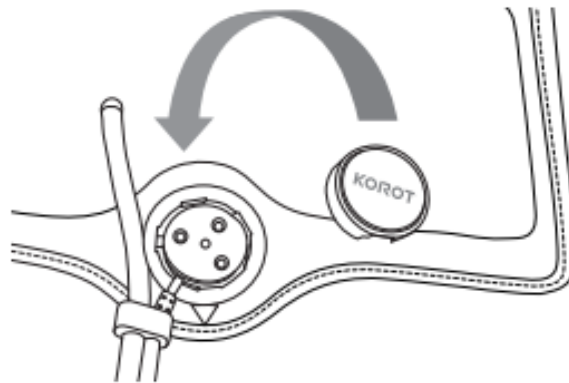


- ⑤ Hold both sides of the new KOROT sensor cover and cover the microphone module all the way inside.

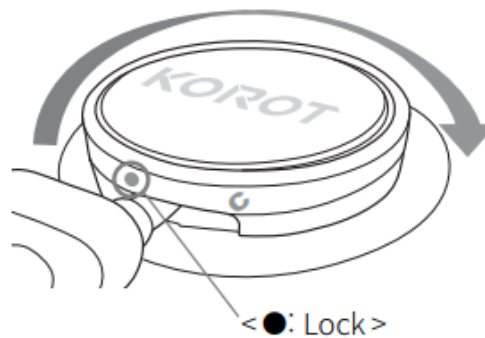
* Measurement may not be accurate if there is an empty gap.



- ⑥ Arrange the microphone module with the KOROT sensor cover as shown below, and cover it with the case that was removed at the beginning.



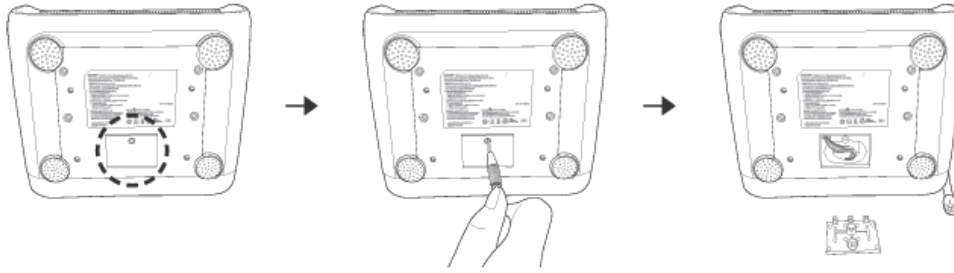
- ⑦ Turn the case clockwise to lock it.



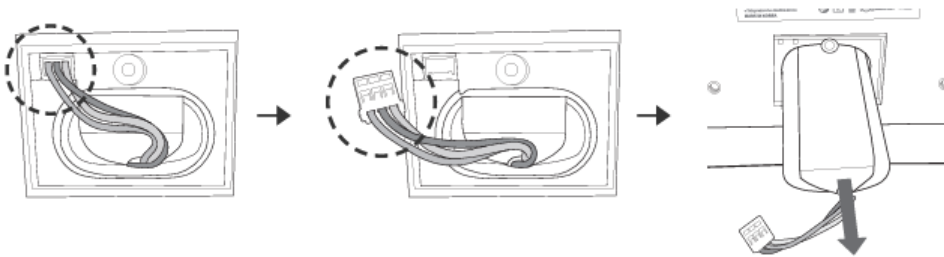
C. How to Remove the Battery

※ Disconnecting

- ① Use a crosshead screwdriver to remove the M3x5 bolt and open the battery cover.



- ② Disconnect the connector and take the battery out.

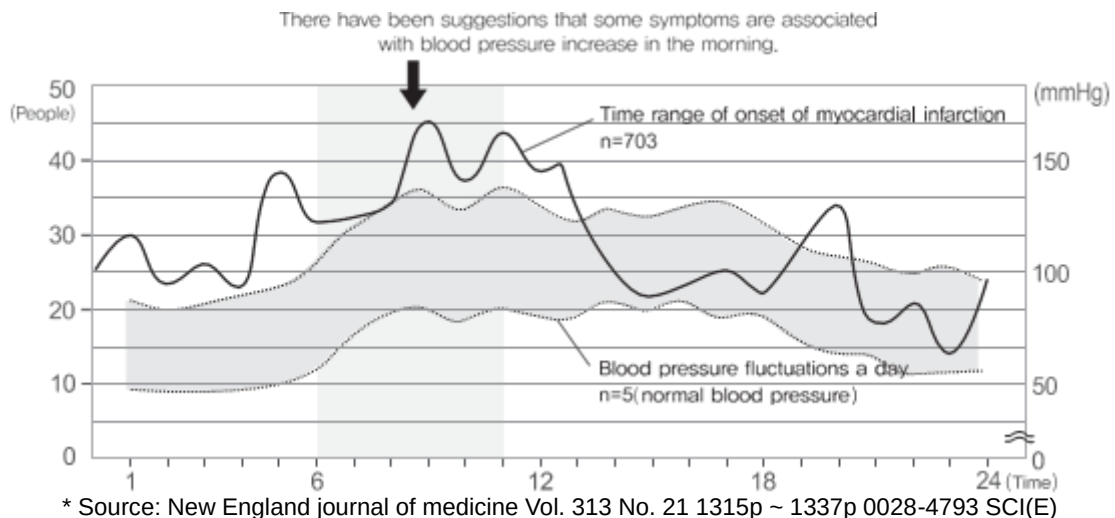


4. Frequently Asked Questions and Answers

- Below are the frequently asked questions about the P3 Accurate.
- If you have any questions even after checking the information below, contact KOROT Customer Service.
- To contact KOROT Customer Service, refer to the “Customer Service Information” on the page 1.

A. Measurement

Question 1: Measurement results appear different at each time



Answer 1

- Blood pressure fluctuates throughout the day.
- Try to measure your blood pressure at about the same time each day for consistency.

Answer 2

- Blood pressure can change in the following cases.
 - Within one hour after meal
 - After you drink caffeinated beverages such as coffee or black tea, or consume alcohol
 - After smoking
 - After a bath
 - After urination or bowel movement
 - When you talk during a measurement
 - When you do not feel relaxed
 - When measuring in a different place or environment than usual

Question 2: The measurement result with P3 Accurate is lower than the blood pressure measured at the hospital.

Answer 1

- Because you are psychologically stable at home, result may appear 20-30mmHg lower than the measurement result at the hospital. It is important to know that the lower home blood pressure measured at home is in a relaxed state.

Answer 2

- If the cuff level is higher than the heart, the blood pressure result may appear lower. If so, adjust the height using a cushion or pillow.

Question 3: The measurement result with P3 Accurate is higher than the blood pressure measured at the hospital.

Answer 1

- If the cuff is wrapped loosely, the cuff does not pressurize the pulse rate enough, so blood pressure is measurement is higher. Wrap the cuff tightly so that there is no gap between the cuff and the arm.

Answer 2

- If the cuff level is lower than the heart, the blood pressure result may appear higher. If so, adjust the height using a cushion or pillow.

Answer 3

- Did you take a hypotensor at the hospital? Blood pressure may increase as the hypotensor wears off over time. Consult your doctor.

Question 4: What time of the day is good for measurement?

Answer 1

- It is recommended that you take a measurement after urinating especially in the morning and before breakfast. At night, try to measure before going to the bed.

Answer 2

- Because the blood pressure fluctuates as much as 30-50 mmHg throughout the day, try to measure your blood pressure at about the same time each day for consistency.

Question 5: Measurement result is inconsistent.

Answer 1

- If you have severe arrhythmia, the measurement result may not be accurate. If you suffer from severe arrhythmia, measure the blood pressure at least three times and get the mean value of your blood pressure.

Answer 2

- Movement may affect the measurement result. Remain still and measure again.

Answer 3

- Measurement result may appear unreliable if you are not in a relaxed state.

Question 6: Air is leaking from the cuff too fast.

Answer

- If the cuff is not wrapped tightly on the arm, it can be deflated too fast. Wrap it tightly and measure again.

Question 7: Monitor is not working.

Answer 1

- Check the adapter connection.

Answer 2

- The battery may have been depleted. If the battery level is not displayed at the top of the screen, connect the adapter and charge it. Contact Customer Service to change the battery if the battery level is still not displayed after a full charge.

Question 8: No sound

Answer

- Control the volume in the volume setting. If it doesn't work, please contact KOROT Customer Service.

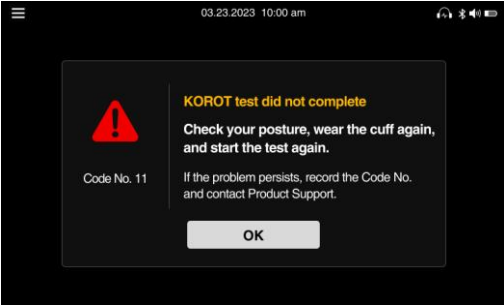
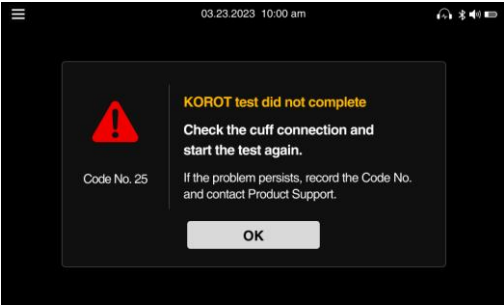
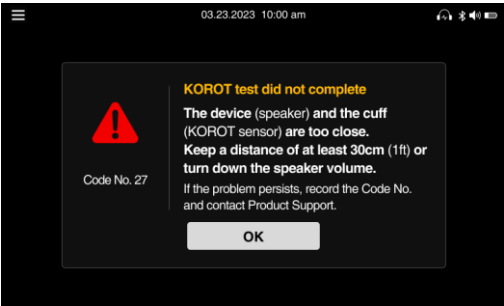
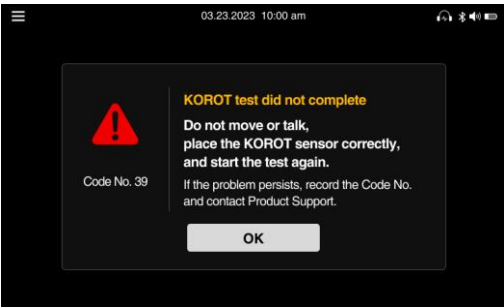
Question 9: How can I update the firmware of P3 Accurate?

Answer

- CS engineer will update the device if it is needed.

B. Error Messages

- Errors are shown on the screen. See descriptions below.
- If the error persists, contact KOROT Product Support with the code No.

Errors	Cause	Correction
	• Air hose folded • Cuff unwrapped • Pressure value error	• Check your posture, wear the cuff again, and restart the test.
	• Bad cuff connection	• Check the cuff connection and restart the test.
	• The device (speaker) and the cuff (KOROT sensor) are too close.	• Keep at least a distance of 30cm (1ft). • Turn the speaker volume down.
	• Bad sensor location • Movement or talking detected during the test	• Do not move or talk, place the KOROT sensor correctly, and start the test again.

5. Others

A. Symbols

	BF-type applied part
	Manufacturer
	Date of manufacture
	Serial number
	Need for the user to consult the instruction manual
	Temperature limitation
	Humidity limitation
	Atmospheric pressure limitation
	Medical device
	Unique device identifier
	Power adapter connection terminal
	WEEE mark
	Importer
	Federal Communications Commission mark
	TUV Rheinland (NRTL) mark
	Direct current
	MR unsafe symbol

B. Product Classification

- Type of protection against electric shock: Class 2 device or internally powered device
- Operation mode: Continuous Operation
- Level of protection against electric shock: BF-type applied part
- Level of protection against flooding: General device (No special protection against external water infiltration)
- This device is not suitable for use in the presence of flammable anesthetics or oxygen

C. Components Provided Separately

Additional Adapter	• Dedicated adapter
Additional Sensor Cover	• Dedicated KOROT Sensor Cover
Mobile Cart	• Dedicated Mobile Cart (Available for optional purchase)
Printing Program	• Dedicated Printing Program for PC/Tablet
Additional Cuff	• Dedicated cuff (XS/ML/XL size cuffs are available for optional purchase)

D. Specifications

Product Name (Model Name)	Blood pressure monitor (KOROT P3 Accurate)
Display Method	Digital touch display method (7 inch TFT LCD)
Test Range	Pressure: 0~300mmHg, Pulse: 30~240bpm
Degree of Precision	Pressure: ± 3 mmHg, Pulse: Within $\pm 2\%$
Minimum Scale Unit	1mmHg
Measurement Method	Auto auscultation method + Oscillometric method
Measured Values	Systolic/Diastolic blood pressure, Pulse Rate, Mean Arterial Pressure, Pulse Pressure, Rate Pressure Product
Pressurization time	Approx. 10 sec.
Test time	Approx. 30 seconds on average (20-50 seconds depending on the pulse and blood pressure value)
Cuff (0~300mmHg)	• XS-size cuff (Only for circumference 6~7in / 15~18cm / optional) • S-size cuff (Only for circumference 7~9in / 17~22cm) • M-size cuff (Only for circumference 9~13in / 22~32cm) • L-size cuff (Only for circumference 13~17in / 32~42cm) • ML-size cuff (Only for circumference 9~17in / 22~42cm / optional) • XL-size cuff (Only for circumference 17~21in / 42~53cm / optional) *Not made of natural rubber latex
External Interface Connector	USB, 3.5pi stereo
Data Storage	10000 examinations
USB Data Format	.csv
Wireless Communication	Bluetooth
Operating Environment	0 ~ 40°C, 15 ~ 85% RH, 70 ~ 106 kPa
Transport/Storage Environment	-20 ~ 60°C, 10 ~ 95% RH(No Condensation), 50 ~ 106 kPa
Rated voltage and power consumption	Input: 100-240 V a.c., 50/60 Hz, 1.0-0.5 A Battery: 7.2V, 3400mAh (min. 3350mAh)
Dimension	Approx: 200(W) x 180(L) x 210(H) mm
Device Weight	Approx: 2.4kg (5.3lb)
Package Weight	Approx: 4.9kg (10.8lb)
Manufacturing Country	Republic of Korea
Manufacturing Company	KOROT Co., Ltd.
Life Time	Device: 6 years Cuff: 1 year
Other Functions	Irregular pulse wave detection

NOTE

- The above information is subject to change without notice to improve appearance and/or product performance.
- This product is a medical device. Read the precautions and instructions carefully before use.

E. EMC Information

- The P3 Accurate is intended for use in the electromagnetic environment specified below. A P3 Accurate user must ensure that the product is used in such an environment.

Caution

- The EMC of the device when exposed to common EM emitters is verified like below, but the high band of 5G or WPT (Wireless Power Transfer) are not covered by the verification test in accordance with IEC 60601-1-2. So, be sure to use P3 Accurate at least 1m away from devices which use high band of 5G or WPT.

Attention

- La CEM de l'appareil lorsqu'il est exposé à des émetteurs EM communs est vérifiée comme ci-dessous, mais la bande haute de 5G ou WPT (Wireless Power Transfer) ne sont pas couvertes par le test de vérification conformément à la norme CEI 60601-1-2. Alors, assurez-vous d'utiliser P3 Accurate à au moins 1m des appareils qui utilisent une bande élevée de 5G ou WPT.

Phenomenon	Basic EMC standard or test method	Port tested	Test Voltage	Test level/requirement
Mains terminal disturbance voltage	CISPR 11:2015+A1:2016	AC Mains	100V, 50Hz 100V, 60Hz 120V, 60Hz 220V, 60Hz 230V, 50Hz	Group 1, Class B
Radiated disturbance	CISPR 11:2015+A1:2016	Enclosure	100V, 50Hz 100V, 60Hz 120V, 60Hz 220V, 60Hz 230V, 50Hz Battery	Group 1, Class B
Harmonic Current Emission	IEC 61000-3-2:2014	AC Mains	230V, 50Hz	Class A
Voltage change, Voltage fluctuations and Flicker Emission	IEC 61000-3-3:2013	AC Mains	230V, 50Hz	Pst: 1 Plt: 0.65 dmax: 4% dc: 3.3%
Electrostatic Discharge Immunity	IEC 61000-4-2:2008	Enclosure	100V, 50Hz 100V, 60Hz 120V, 60Hz 220V, 60Hz 230V, 50Hz Battery	±8kV/Contact ±2, ±4, ±8 ±15kV/Air
Radiated RF Electromagnetic Field Immunity	IEC 61000-4-3:2006+A1:2007+A2:2010	Enclosure	100V, 50Hz 100V, 60Hz 120V, 60Hz 220V, 60Hz 230V, 50Hz Battery	3V/m 80MHz-2.7GHz 80%AM at 1kHz
Immunity to Proximity Fields from RF wireless Communications Equipment	IEC 61000-4-3:2006+A1:2007+A2:2010	Enclosure	100V, 50Hz 100V, 60Hz 120V, 60Hz 220V, 60Hz 230V, 50Hz Battery	Table 9 in IEC 60601-1-2:2014
Electrical Fast Transient/Burst Immunity	IEC 61000-4-4:2012	AC Mains	100V, 50Hz 100V, 60Hz 120V, 60Hz 220V, 60Hz 230V, 50Hz	±2kV, 100kHz repetition frequency
Surge Immunity	IEC 61000-4-5:2014+A1:2017	AC Mains	100V, 50Hz 100V, 60Hz 120V, 60Hz 220V, 60Hz 230V, 50Hz	Line to Line ±0.5kV, ±1kV Line to Ground ±0.5kV, ±1kV, ±2kV
Immunity to	IEC 61000-4-6:2013	AC Mains	100V, 50Hz	3V

Conducted Disturbances Induced by RF fields			100V, 60Hz 120V, 60Hz 220V, 60Hz 230V, 50Hz	0.15-80MHz 6V in ISM bands Between 0.15MHz and 80MHz 80% AM at 1kHz
Power Frequency Magnetic Field Immunity	IEC 61000-4-8:2009	Enclosure	100V, 50Hz 100V, 60Hz 120V, 60Hz 220V, 60Hz 230V, 50Hz Battery	30 A/m 50Hz & 60Hz
Voltage dips	IEC 61000-4-11:2004+A1:2017	AC Mains	100V, 50Hz 100V, 60Hz 120V, 60Hz 220V, 60Hz 230V, 50Hz	0% U_T : 0.5 cycle At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315°
				0% U_T : 1 cycle At 0°, 180°
				70% U_T : 25/30 cycle At 0°, 180°
Voltage interruptions	IEC 61000-4-11:2004	AC Mains	100V, 50Hz 100V, 60Hz 120V, 60Hz 220V, 60Hz 230V, 50Hz	0% U_T : 250/300 cycle At 0°, 180°

Electromagnetic Immunity					
The KOROT P3 Accurate is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. Portable RF communications equipment should be used no closer than 30 cm (12 inches) to any part of the KOROT P3 Accurate. Otherwise, degradation of the performance of this equipment could result.					
Immunity test	Band a)	Service a)	Modulation b)	IEC 60601 Test Level	Compliance Level
Proximity fields from RF wireless Communications IEC 61000-4-3	380 390 MHz	TETRA 400	Pulse modulation b) 18Hz	27 V/m	27 V/m
	430 - 470 MHz	GMRS 460 FRS 460	FM c) +5 kHz deviation 1 kHz sine	28 V/m	28V/m
	704 - 787 MHz	LTE Band13, 17	Pulse modulation b) 217 Hz	9 V/m	9 V/m
	800 - 960 MHz	GSM800:900 TETRA 800 iDEN 820 CDMA 850 LTE Band 5	Pulse modulation b) 18 Hz	28 V/m	28V/m
	1700 - 1990 MHz	GSM 1800 CDMA 1900 GSM 1900 DECT LTE Band 1,2,4,25 UMTS	Pulse modulation b) 217 Hz	28 V/m	28V/m
	2400 2570 MHz	Bluetooth WLAN 802.11b/g/n RFID 2450 LTE Band 7	Pulse modulation b) 217 Hz	28V/m	28V/m
	5100 5800 MHz	WLAN 802.11a/n	Pulse modulation b) 217 Hz	9 V/m	9 V/m

F. Wireless Communication

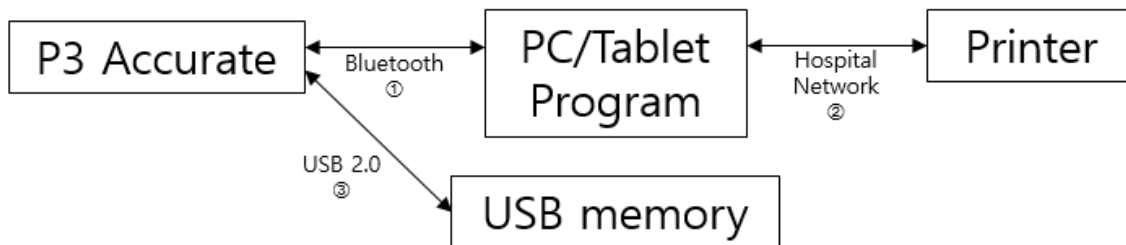
- It is recommended to use P3 Accurate at least 1m away from RF wireless communication devices.

※ QoS - Bluetooth

Throughput	Up to 2 Mbps
Latency	3 to 6 ms
Integrity	Bit/Package error rate less than 0.0001% FIPS-approved algorithms AED-CCM cryptography
Accessibility	Approx. 30 m (in doors)

G. Cybersecurity

- USB Port: P3 Accurate sends and receives data.
- Bluetooth: P3 Accurate sends the result data to print program and the program sends the data to the printer.



*We don't provide printer.

⚠ Caution

- Do not connect the unauthorized device via USB port or Bluetooth.
- In the event of an incident related to cybersecurity, side effect or accident, contact KOROT Customer Service. It should be reported to the manufacturer and competent authority.
- If you forgot the password, contact KOROT Customer Service.
- It is recommended to change password regularly.
- It is recommended to back up the data to USB memory stick regularly.
- Do not download the print program from sources other than the KOROT website
- Make sure you have a firewall or antivirus/anti-malware program installed on your PC or tablet.
- Scan USB memory for viruses before using it.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This product has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: —Reorient or relocate the receiving antenna. —Increase the separation between the equipment and receiver. —Connect the equipment to an outlet on a circuit different from that to which the receiver is connected. —Consult the dealer or an experienced radio/TV technician for help.

[47 CFR 15.21] Pursuant to Section 15.21 of the FCC rules, changes or modifications to a Product by the user that are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. The device meets the FCC Radio Frequency Emission Guidelines. Information on the product is on file with the FCC and can be found by inputting such Product's FCC ID (which can be found on the device) into the FCC ID Search form available at <https://www.fcc.gov/oet/ea/fccid>.

Product : Blood Pressure Monitor
Model : KOROT P3 Accurate
Input : DC 3.6 V
FCC ID : 2BAK8-P3ACCURATE

Frequency : 2 402 ~ 2 480 MHz (BLE)

Certified module : 2A5XQ-POT-NR232P