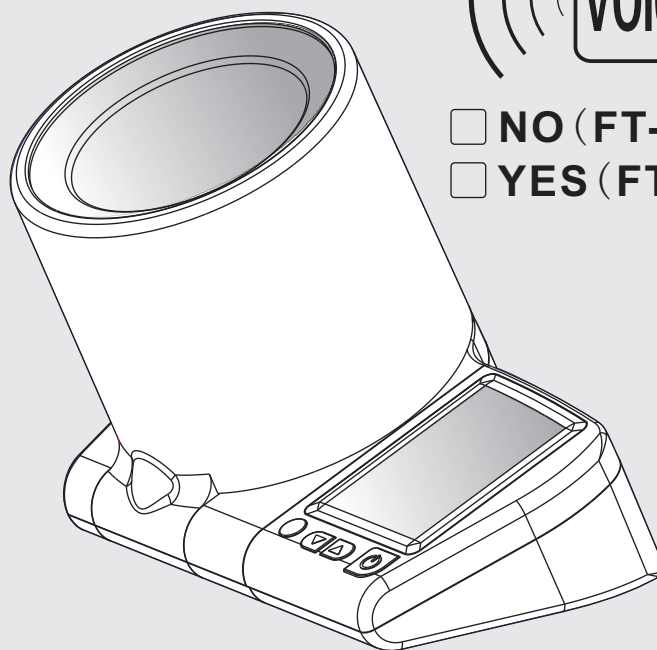


USER MANUAL

Automatic Arm-through Cuff Blood Pressure Monitor



☐ NO (FT-C25Y)

☐ YES (FT-C25Y-V)

- ◆ Thank you for purchasing our product.
- ◆ Please read this manual carefully before using the product.
- ◆ Please keep the manual appropriately for future reference.

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FEATURES

- 1 Three colors back light on LCD
White back light display when power on
Green back light display when measured result is normal
Red back light display when measured result is abnormal
- 2 With WHO indicator bar “■”
The indicator goes upward with higher pressure
Refer to WHO BP Classification Indicating Bar
- 3 Automatically calculate average of the three most recent results:
Display average result when press memory key for the first time
- 4 FT-C25Y-V with voice ON/OFF switchable function;
FT-C25Y without voice function
- 5 FT-C25Y-V with intelligent voice IC chip, speaks during whole measuring process
- 6 mmHg or kPa unit switchable
- 7 Stop working, deflate at emergency case
- 8 90 memories

SPECIFICATION

※This model can automatically and easily measure blood pressure and pulse in few minutes

Product name	Automatic arm-through cuff blood pressure monitor
Model Number	FT-C25Y (without voice) ; FT-C25Y-V (with voice)
Display type	LCD
Measure principle	Oscillography
Measure range	Pressure: 40-280mmHg (5.3-37.5kPa) Pulse: (40-160) times/min
Accuracy	Pressure: $\pm 5\text{mmHg}$ ($\pm 0.65\text{kPa}$) Pulse: $\pm 5\%$
Power source	DC 6V or AC 110V-220V
Working enviroment	Temperature $5^{\circ}\text{C} \sim 40^{\circ}\text{C}$ Humidity $\leq 80\% \text{RH}$
Storage enviroment	Temperature $-20^{\circ}\text{C} \sim 55^{\circ}\text{C}$ Humidity $10\% \text{RH} \sim 93\% \text{RH}$
Arm size to fit	About 22cm \sim 36cm
Net weight	About 1.1 kgs
Size (monitor)	About 256mm (L)*196mm (W) *206mm (H)
Safety classification	Type B
Inflation	Automatic Inflation by internal pump
Deflation	Automatic speedy deflation system
Pressure inspect	Semiconductor Pressure Sensor
Pulse inspect	Semiconductor Pressure Sensor

※THIS MODEL CAN NOT BE USED FOR INFANT AND CHILD

PRECAUTIONS FOR SAFETY

Please read the manual carefully before using this product

CAUTION MARK



CAUTION

INCORRECT OPERATION CAN CAUSE INJURY OR DAMAGE

CUTLINE



⊘ Prohibition (Things not permitted to do)
Details in ⊘ or listed by texts or photos nearby.



● Compulsively (Must obey) .
Detailed contents are in manual or near the image displayed by texts.



△ Precaution (Warning or danger) .
Detailed contents are in manual or near the image displayed by texts



Type B application.



Class II equipment.



Ⓢ Electric product pollution restriction
The use life is 10 years and it is recyclable .Do not throw randomly
(Not including dry battery).






CAUTION

It is very dangerous to cure yourself after getting measured result by this device. You must go to a doctor to avoid possible worse health condition caused by self diagnose. When it continuously inflates when measuring please press down emergency button to deflate or it will cause hurt of the distal end of nerve.



PRECAUTIONS FOR SAFETY

CAUTION

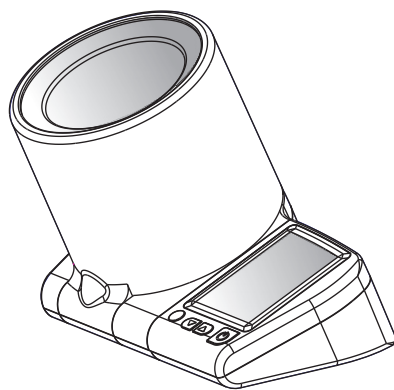
If you suffer from a sere problem with your arms. consult your physician before using the device. Failure to do so could be hazardous to your health.	
This device is only for blood pressure measuring. Do not use for other purpose, or injury maybe caused.	
DO NOT use mobile phones near the device as this could result in a malfunction.	
If the cuff is damaged ,do not measure.	
DO NOT attempt by yourself to disassemble ,repair or redesign the device. Or it will not measure correctly.	
Do use with our AC/DC adaptor. The voltage for operation is AC 110V~220V.	
Only use with four AA alkaline batteries or fire may be caused.	
Pay attention to the polarity. Remove the batteries if the device to be left unused for long time. Or the battery leakage will cause damage to the device.	

SUGGESTION

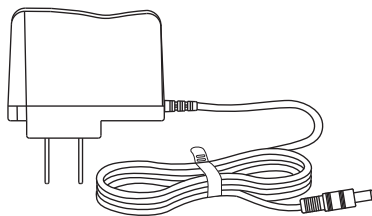
- Do not hit or throw down this device.
- Do not measure until put arm into the arm-through cylinder.
- Do not put into your arm from incorrect side of the cylinder.
- Do not move the device until arm-through cylinder get well positioned.

COMPONENTS

1. Monitor



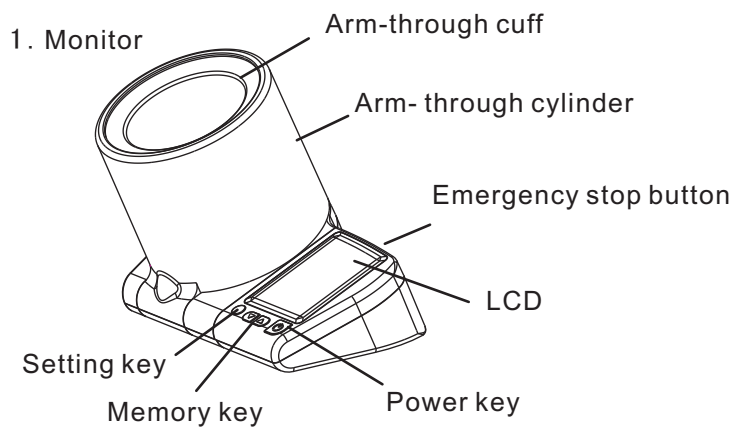
2. AC/DC adaptor



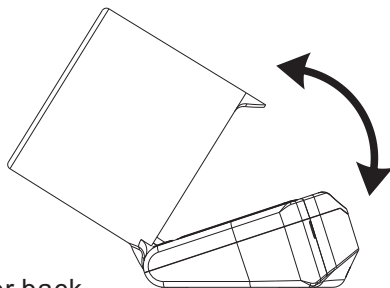
3. Instruction manual

4. Warranty card

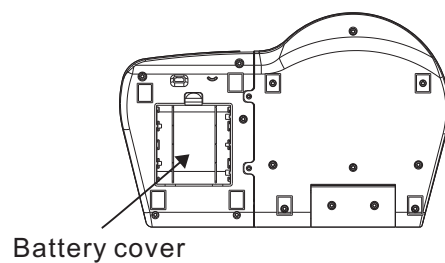
PARTS NAME



2. Removable arm-through cuff



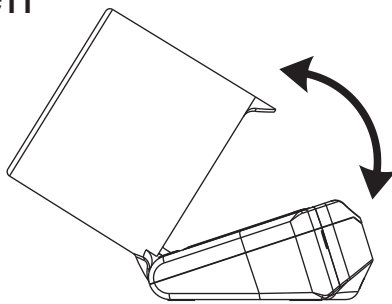
3. Monitor back



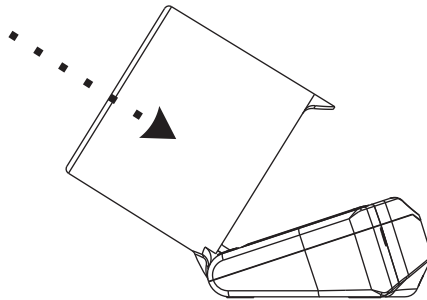
HOW TO OPERATE

With thick clothing accurate result can not be got .With naked arm or thin clothing for measure.

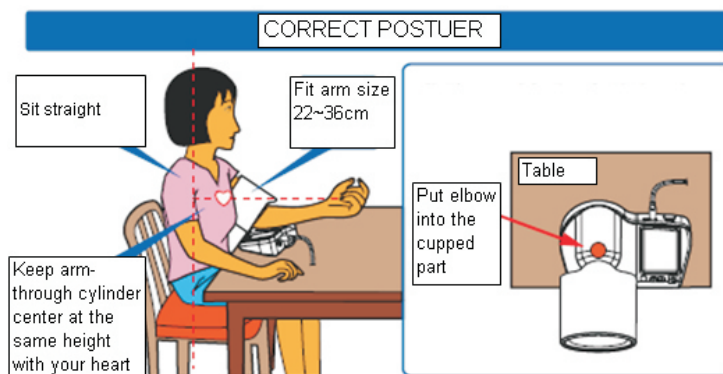
1 Open



2 Put left arm in



3 Put elbow into the cupped part



POWER SOURCE

Connect power source

This device can use with AC/DC adaptor or alkaline battery.

1 . Use plugged -in power source

Connect DC head with monitor ,plug into AC 110V- 220V power source .
After measurement please plug out power source and then take out DC head.

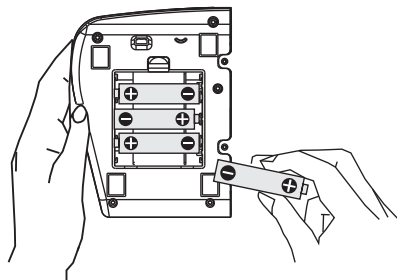
2 . Use battery

Do use alkaline battery


(1) Open battery cover

(2) Load four AA batteries

(3) Close battery cover



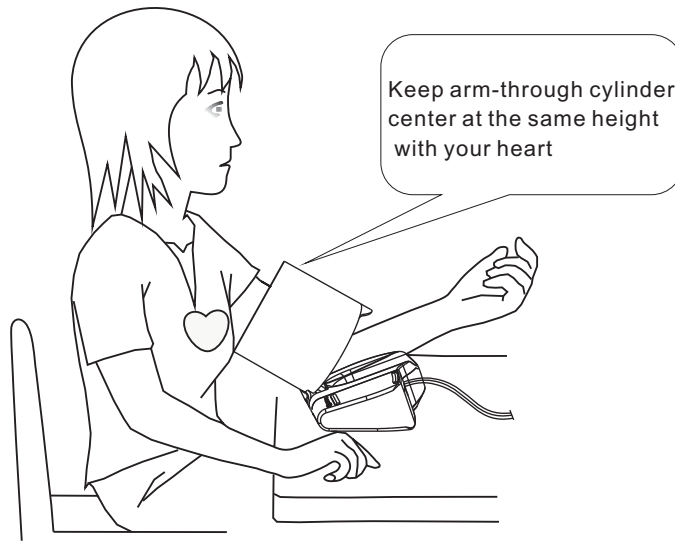
Change battery

When LCD shows “low battery” icon as 
When voice speaking become slow (only for FT-C25Y-V),
or LCD doesn't display any signs when power on.

4

Correct Posture

Relax yourself and put arm elbow into the cupped part of the monitor as below image shows



Correct posture get correct measured result

When the device inflate continuously and you feel uncomfortable with arm please press down emergency button to make device deflate rapidly.

MEASURE STEPS

Relax yourself before measuring. Do not smoke, breathe deeply, talk, wave or move when measuring. Or you will get incorrect result.

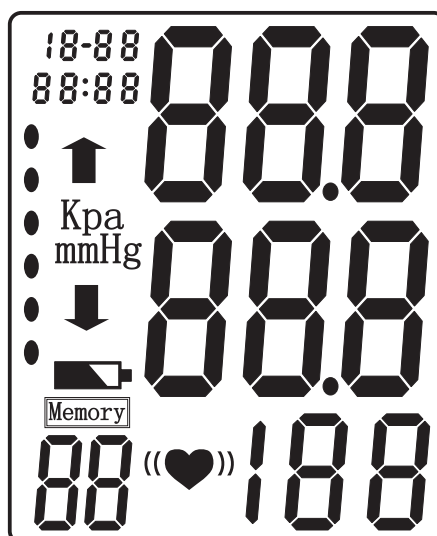
ONLY MEASURE BLOOD PRESSURE AND PULSE FOR HUMAN

UNIT OPTION:

This device has mmHg and kPa display units. On off condition hold pressing power key for 12 seconds to choose mmHg or Kpa, then the monitor can automatically save the option. Each time you turn on the monitor it will display with this option. Normally the unit is mmHg

1

Turn power on and LCD display as below
(It will speak out precautions when power on (Only for FT-C25Y-V))



- Press power key
 - (1) LCD displays white back light for 1 second
 - (2) Speak out precautions (Only for FT-C25Y-V)
 - (3) Inflate automatically from 0
 - (4) Deflate once complete inflation and start measuring
- When pulse is detected the heart icon will blink

2

Once measurements completes

Pressure and pulse will be spoken out (Only for FT-C25Y-V)

The air automatically let out from the cuff

LCD display pressure and pulse. For irregular heart beat “ ((♥)) ” will display on LCD.

When measured result is normal LCD displays Green back light

When measured result is abnormal LCD displays Red back light

The pulse data is calculated based on 1 minute length

3

Measurements save automatically

The memory capacity is 90 times. Each time when saves new data

it will automatically delete the first saved data. If it can not measure

correctly the error icon will show on LCD and voice will remind you

it can not work properly. Under this condition the measured data can

not be saved too.

DELETE MEMORIES

Hold pressing memory key for above 3 seconds till memories disappear

Memories can not be deleted one by one

4

Irregular heartbeat display

After measuring LCD shows “ ((♥)) ” ,which means irregular

heartbeat . You can turn off monitor or press down emergency

button when device detected irregular heartbeat. If you forget

to turn off ,then it will power off automatically after about 1 minute

DATE & VOICE SETTING

1

Date setting

On power off condition hold pressing setting key for about 5 seconds to enter mode of date adjustment till year on top left corner blink. Press setting key to switch year month, date , hour and minute, meanwhile press memory key to adjust accordingly.

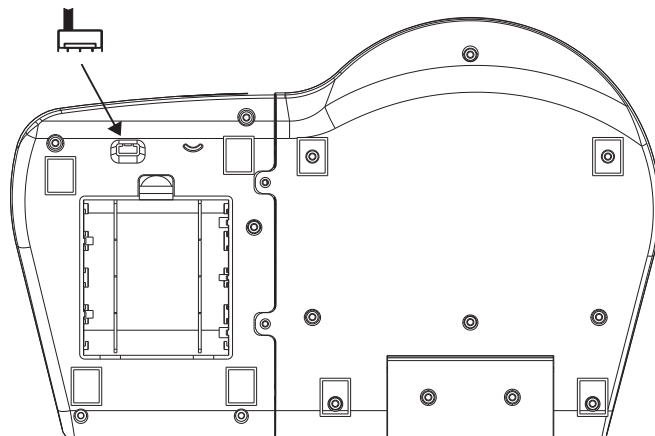
2

Voice setting(ON or OFF) (Only for FT-C25Y-V)

After date setting is done, press set key and “SP” blink on bottom left of LCD ;press memory key again , “ON” or “OF” will blink on bottom right of LCD, which means voice on or voice off. On this condition you can also switch voice language type .

(The toggle on the base back of the device can also switch voice on or off when the device is under voice-on status)

(Voice ON/OFF switch toggle)



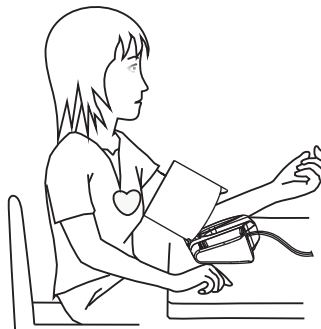
TIPS FOR MEASURING

At the same time, with the same arm and posture to measure.
Keep calm for 4~5 minutes before measuring.

1

Correct operation

- (1) Put elbow on
- (2) Keep arm-through cylinder center at the same height with heart
- (3) Do not put thick clothing into the hole
- (4) Palm upward and relax yourself



2

Ideal measuring environment

- (1) Early in the morning when you are relaxed
- (2) No feeling to relieve yourself
- (3) Room temperature is about 20 centigrade
- (4) Quiet place

3

Measure at the same time of everyday

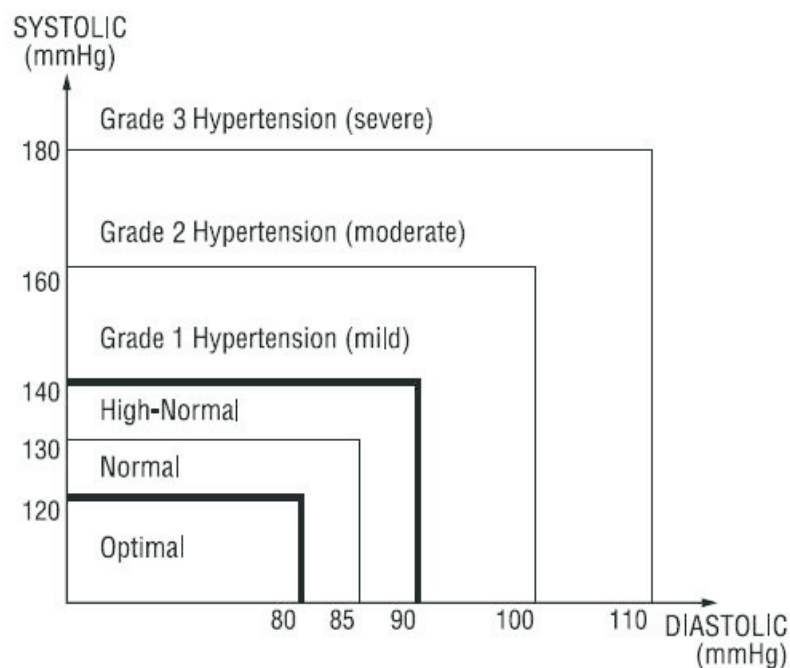
Blood pressure is variable and do not judge its level only by one measured data. It is more reliable to judge by many times measuring. We suggest measure everyday and choose the time when you are most relaxed such as in the morning.

READING DATA

WHO identify that systolic (high pressure) over 140 mmHg or diastolic (low pressure) over 90 mmHg as hypertension

Normally systolic blood pressure under 90 mmHg or diastolic blood pressure under 60 mmHg is called hypotensive

WHO BP Classification Standard



READING MEMORY

Memories can be read by pressing memory key on power off condition

1

Press down memory key, on top left corner “Aug” display, which is the three most recent measurements.



2

Press memory key again, last measured data will display
Continue to press memory key, previous data will display in order

3

Memory consult and deletion
Press memory key to hear the device speak out measured data
(Only for FT-C25Y-V) The data will be zero if no any memory put in
If hold pressing memory key for over three seconds all saved memories will disappear

WHO BP CLASSIFICATION INDICATING BAR

SBP (mmHg)	DBP (mmHg)					
	<80	80–84	85–89	90–99	100–109	>110
<120	Optimal (1 grid)	Normal (2 grids)	High-Normal (3 grids)	Stage 1 Hypertension (4 grids)	Stage 2 Hypertension (5 grids)	Stage 3 Hypertension (6 grids)
121–130	Optimal (1 grid)	Normal (2 grids)	High-Normal (3 grids)	Stage 1 Hypertension (4 grids)	Stage 2 Hypertension (5 grids)	Stage 3 Hypertension (6 grids)
130–139	Optimal (1 grid)	Normal (2 grids)	High-Normal (3 grids)	Stage 1 Hypertension (4 grids)	Stage 2 Hypertension (5 grids)	Stage 3 Hypertension (6 grids)
140–159	Optimal (1 grid)	Normal (2 grids)	High-Normal (3 grids)	Stage 1 Hypertension (4 grids)	Stage 2 Hypertension (5 grids)	Stage 3 Hypertension (6 grids)
160–179	Optimal (1 grid)	Normal (2 grids)	High-Normal (3 grids)	Stage 1 Hypertension (4 grids)	Stage 2 Hypertension (5 grids)	Stage 3 Hypertension (6 grids)
>180	Optimal (1 grid)	Normal (2 grids)	High-Normal (3 grids)	Stage 1 Hypertension (4 grids)	Stage 2 Hypertension (5 grids)	Stage 3 Hypertension (6 grids)

TROUBLE SHOOTING

Abnormality	Reason	Checkout
Shows abnormal result	Monitor height is higher or lower than that of heart. Arm-through cylinder is not fixed correctly. Talk or wave when measure	Correct measuring posture and way
No display when power on, inflate slowly and voice speaking is slow or show low battery	Wrongly placed the battery polar Low battery Wrongly connected AC/DC adaptor	Check whether socket is in good order and make sure correct polar for batteries
LCD shows "ErU"	Can not inflate within 7 seconds	Remove disturbance adjust posture and position of arm-through cylinder, measure again or consult professionals
LCD shows "ErH"	Automatically deflate when pressure is over 295 mmHg	
LCD shows "Er 1"	Can not detect pressure and pulse	
LCD shows "Er 2"	Too much disturbance (wave, talk or magnetism)	
LCD shows "Er 3"	Wrong measured data	

MAINTENANCE

MAINTENANCE

Clean the device often
Wipe it with a dry cloth
If the device is very dirty ,get soft cloth moistened with water or neutral detergent and then wring it dry ,then wipe the device.

Do not let water into the device inner parts
Do not get the arm-through cylinder wet
Do not wipe with naphtha, thinners or benzene

STORAGE

Do not put the device in below locations:
Easily to get wet by water
Direct sunlight, high temperature, humid, excessive dust, corrosive gas
Slant, easy to wave or get hit
With chemicals

■SUGGESTION

If the arm-through cylinder is open please close it before storing the device.
Do not put things into the arm-through cylinder when move the device or not use it. Damaged cuff may cause it unable to measure.
When not use for over three months please take out batteries.

※OUR COMPANY ARE NOT RESPONSIBLE FOR QUALITY PROBLEM
CAUSED BY NOT FOLLOWING WITH ABOVE NOTES AND CORRECT
OPERATIONS

NOTES

1. DO NOT attempt by yourself to disassemble ,repair or redesign the device.
2. Avoid the device fall down floor or suffer hit or heavy impact
3. When it is taken out from environment that is under 5°C, please use the device after exposing under warm circumstance at least for 1 hour
4. Wipe the monitor only with moistened cloth by warm water soap water
5. Arm-through cylinder is only for inflation purpose. Do not make it dirty or tainted by corrosive liquid
6. Remove the batteries if the device will be left unused for a long period.
7. DO NOT store the blood pressure monitor in locations exposed to direct sunlight, high temperatures (over 60° C (140° F)), low temperatures (below -20° C (-4° F)), high relative humidity (over 95%) or excessive amounts of dust.

