



GOOD
HEALTH
GOOD
LIFE
mobile healthcare services

mobile healthcare services

Solmitech, established in 2010, has a well-defined vision and huge dream to provide unmatched quality and outstanding home appliances, healthcare and medical devices in complete balance and understanding of present day challenges and opportunities. We are a mobile healthcare & medical company committed to develop innovative products like wearable devices for continuous ECG and heartrate monitoring and smartphone interworking devices with mobile application programs and related contents.



REFIT

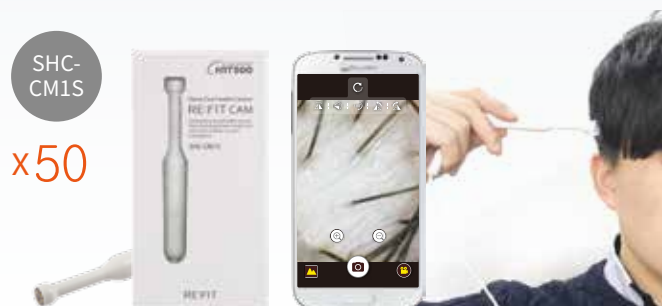
Refit Cam

SHC-CM1

Refit Cam is a portable homecare health camera.
It can provide you with easy monitoring of skin, scalp and mouth which are difficult to see with naked eye.
In addition, you can also use it to observe tiny letters, parts, bugs, fibers, prints, etc. in a large scale.



- Smartphone interworking mobile microscope
- Convenient monitoring of skin, scalp and mouth which are difficult to see with naked eye
- Easy checking of tooth decay and other dental conditions
- Comfortable observing tiny letters, part numbers, gaps and bugs with a magnified image
- Portable microscope for kid's education to inspect insects, leaves, shells, papers, etc.
- Free downloadable 'RefitCam' app in Google Play and Apple App stores
- Screen capturing, movie saving and SNS sharing through RefitCam mobile app
- Showing x50 or x10 magnified images (SHC-CM1S: x50, SHC-CM1R: x10)



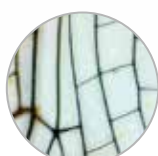
Scalp



Skin



Ear



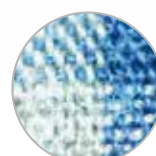
Insect



Teeth



Micro Print



Fabric Pattern



Part Number

Specification

| | | |
|------------------------|--------------------|--|
| Device | Size | W : 105mm, D : 14mm, Cable: 60cm |
| | Weight | 26g |
| | Color | White (Body) |
| Power | Rated voltage | DC 5.0V (No built-in battery, smartphone battery is applied) |
| | Power consumption | 0.5W |
| Camera | Focal distance | 5mm (SHC-CM1S) / 20mm (SHC-CM1R) |
| | Magnification rate | X50 (SHC-CM1S) / X10 (SHC-CM1R) |
| | Resolution | 2M pixels |
| Communication | | USB 2.0 |
| Components | | 1 Refit Cam, 1 Silicone cap, 1 User guide |
| Certification | | KC, CE, FCC |
| Manufacturer / Country | | Solmitech Co., Ltd. / Republic of Korea |

Refit Cam-Medi

SHC-CM2

Refit Cam-Medi is a portable homecare health camera which provides easy monitoring of inside of your ears.



- Smartphone interworking mobile otoscope
- Easy checking of the inner side of your ears
- Convenient monitoring of your ears, such as otitis media and earwax
- Free downloadable 'RefitCam-Medi' app in Google Play and Apple App stores
- Screen capturing and video saving by pressing a button
- Sharing the recorded images and videos through SNS



Specification

| | | |
|------------------------|-------------------|--|
| Device | Size | W: 127mm, L: 58mm, H: 33mm, Cable : 100cm |
| | Weight | 88g |
| | Color | White (Body), Gold (Parts) |
| Power | Rated voltage | DC 5.0V (No built-in battery, smartphone battery is applied) |
| | Power consumption | 1W |
| Camera | Frame | 30fps |
| | Resolution | 300K pixels |
| Communication | | USB 2.0 |
| Components | | 1 Refit Cam-Medi, 1 Pouch, 1 User guide |
| Certification | | CE MDD, KFDA, KC, FCC, FDA (Processing) |
| Manufacturer / Country | | Solmitech Co., Ltd. / Republic of Korea |

Refit Gateway

SHC-GT1

Refit Gateway transmits the image data from Refit Cams to your smartphones via WiFi wireless communication. If you use the Refit Cams with your iPhones, you need a Refit Gateway.



- WiFi wireless gateway
- Connect Refit Cams wirelessly with your iPhones or any smartphones
- Use with portable battery or power adapter
- Small and light-weight (weight: 17g, size: 65mm x 35mm x 14mm)
- Observe the same image on multiple smartphones at the same time



Specification

| | | |
|------------------------|-------------------|---|
| Device | Size | W : 65mm, L : 35mm, H : 14mm |
| | Weight | 17g |
| | Color | White |
| Power | Rated voltage | DC 5.0 V (No internal battery) |
| | Power consumption | 0.5W (Data transmission) |
| Communication | | WiFi |
| Components | | 1 Refit Gateway, 1 Connection Cable |
| Manufacturer / Country | | Solmitech Co., Ltd. / Republic of Korea |

Refit Stick

SHC-M1R

Refit Stick is a smart activity tracker with a unique feature of health measuring. You can monitor your weight-loss, step count, distance travelled, calories burnt, heartrate and stress assessment with it.



- Smartphone interworking weight-loss system
- Free downloadable 'RefitStick' app in Google Play store
- Monitoring of weight-loss, step count, distance covered and calories burnt
- Measurement of heartrate and stress index
- Operating with activity producing & stress reducing game contents
- Providing weight-loss and activity trends
- Real-time motion induced content using 3D avatar
- Playing mobile activity and mind control games



Specification

| | | |
|------------------------|--|--------------------------------|
| Device | Size | W : 80mm, L : 29mm, H : 20mm |
| | Weight | 26g |
| | Color | White (Body) , Pink (Cap) |
| Power | Rated voltage | DC 3.7V |
| | Power consumption | 0.15W (Data transmission) |
| | Battery | Lithium-Polymer 3.7VDC, 450mAh |
| | Charging time | Approx. 40 minutes (5V, 1A) |
| Communication | Bluetooth (Class II), Distance: within 10m | |
| Components | 1 Refit Stick, 1 User guide | |
| Certification | KC | |
| Manufacturer / Country | Solmitech Co., Ltd. / Republic of Korea | |

Refit Patch U9

SHC-U9

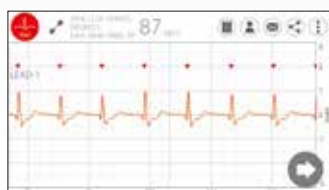
Refit Patch U9 is a patch-type single channel ECG monitor interworking with your smartphone. You can easily monitor your heartrate, stress level and ECG on your smartphone. It is much portable to use at any given situation.



- Free downloadable mobile healthcare app (Happ+) from Google Play and Apple App stores
- ECG/Heartrate/Stress Level measurements and its records management
- Continuous operation for up to 24 hours
- Bluetooth wireless communication
- Exercise level management through customized setting of heartrate zones
- Arrhythmia detection through ECG recording over a long period of time
- Provided real time ECG monitoring and data saving, loading, and sharing capabilities
- Providing PC-based ECG & Event Analysis Program, RefitPatch Viewer V1.x



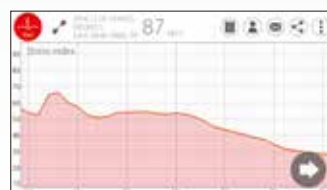
< Mobile app 'Happ+' >



< ECG >



< Heartrate >



< Stress Index >



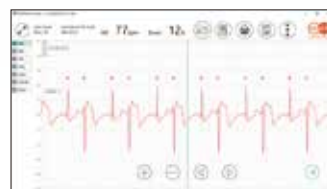
< Viewing and Sharing Record >



< E-mail & SNS >



< PC-based software, RefitPatch Viewer-V1.x >



Specification

| | | |
|------------------------|--|--------------------------------|
| Device | Size | W 145mm, L 40mm, H 12mm |
| | Weight | 27g |
| | Color | White |
| Measuring Signals | Sampling rate (SPS) | 250 |
| | Filter range (Hz) | 0.5~40 |
| | Continuous recording (hour) | 24 |
| Power | Power consumption | 70mW |
| | Battery | Lithium-Polymer 3.7VDC, 500mAh |
| | Data transfer | Bluetooth 2.1/4.0 |
| Communication | Transmission distance (m) | < 10 |
| Interworking software | App | Happ+ (Android / iOS) |
| | PC | RefitPatch Viewer V1.x |
| | Exported file format | RPD, CSV |
| Components | 1 Device, 20 Disposable electrodes, 1 User guide | |
| Certification | KC, CE, FCC | |
| Manufacturer / Country | Solmitech Co., Ltd. / Republic of Korea | |

Refit Patch U8

SHC-U8

Refit Patch U8 is a patch-type 3-Lead (6-Ch) wireless ECG monitor. With this device, you can measure your ECG, heartrate, HRV, stress level, step count, calories burnt, etc wirelessly.



- Comfortable and flexible mobile healthcare device to monitor your physical signals and activities
- Small and light-weight (weight: 45g)
- Rechargeable battery (capacity: 1,000mAh)
- Continuous operation for up to 48 hours
- Bluetooth wireless communication
- Free downloadable mobile app (Happ+) from Google Play and Apple App stores
- Providing dedicated PC-based software program (SMW-V1.x and RefitPatch Viewer V1.x)



< Mobile app 'Happ+' >

< PC-based software, SMW-V1.x & RefitPatch Viewer-V1.x >

Specification

| | | |
|------------------------|--|----------------------------------|
| Device | Size | W 145mm, L 125mm, H 12mm |
| | Weight | 45g |
| | Color | White |
| Measuring Signals | Sampling rate (SPS) | 250 |
| | Filter range (Hz) | 0.5~40 |
| | Continuous recording (hour) | 48 |
| Power | Power consumption | 70mW |
| | Battery | Lithium-Polymer 3.7VDC, 1,000mAh |
| Communication | Data transfer | Bluetooth 2.1/4.0 |
| | Transmission distance (m) | < 10 |
| Interworking software | App | Happ+ (Android / iOS) |
| | PC | SMW-V1.x, RefitPatch Viewer V1.x |
| | Exported file format | RPD, CSV |
| Components | 1 Device, 1 Wireless dongle, 1 S/W CD (User guide), 20 Disposable electrodes | |
| Certification | KC, CE, FCC | |
| Manufacturer / Country | Solmitech Co., Ltd. / Republic of Korea | |

Refit Patch U7

SHC-U7/U7A/U7D/U7B

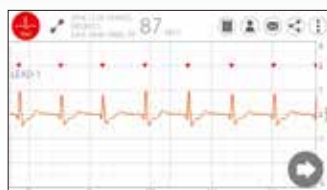
Refit Patch U7 is a patch-type single channel ECG monitor interworking with your smartphone. You can easily monitor your heartrate, stress level and ECG on your smartphone. It is much portable to use at any given situation.



- Free downloadable mobile healthcare app (Happ+) from Google Play and Apple App stores
- ECG/Heartrate/Stress Level measurements and its records management
- Continuous operation for up to 30/60 hours
- Bluetooth wireless communication
- Exercise level management through customized setting of heartrate zones
- Arrhythmia detection through ECG recording over a long period of time
- Provided real time ECG monitoring and data saving, loading, and sharing capabilities
- Providing PC-based ECG & Event Analysis Program, RefitPatch Viewer V1.x



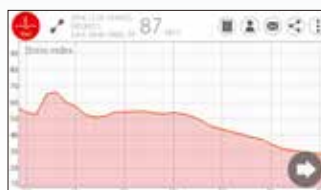
< Mobile app 'Happ+' >



< ECG >



< Heartrate >



< Stress Index >



< Viewing and Sharing Record >



< E-mail & SNS >



< PC-based software, RefitPatch Viewer-V1.x >

Specification

| Model | SHC-U7 | SHC-U7A | SHC-U7D | SHC-U7B |
|--------------------------------|--|---------------------------|------------------------|------------------------|
| Sampling rate (SPS) | 200 | 200/250/500/1000 | 250 | 250 |
| Filter range (Hz) | 1~40 | 1~40 | 0.5~40 | 0.5~40 |
| Data transfer | Bluetooth 2.1 | Bluetooth 2.1 | Bluetooth 2.1/4.0 | Bluetooth 4.0 |
| Continuous recording (hour) | 4/8 | 4/8 | 10/20 | 30/60 |
| Exported file format | RPD, CSV | CSV | RPD, CSV | RPD, CSV |
| Certification | - | - | CE, FCC, KC | - |
| Transmission distance (m) | < 10 | < 10 | < 10 | < 3 |
| Charging Time (min) | 40 | 40 | 40 | 40 |
| Interworking software (App) | Happ+ (Android only) | Happ+ Lite (Android Only) | Happ+ (Android/iOS) | Happ+ (Android/iOS) |
| Interworking software (PC) | RefitPatch Viewer V1.x | SMW-MULTI V1.x | RefitPatch Viewer V1.x | RefitPatch Viewer V1.x |
| Software Development Kit (SDK) | Windows/Android | Windows/Android | Android | Android |
| Dimension & Color | Power: Ø35mm, H12mm, 10g, Main: Ø35mm, H12mm, 8g Cable: 67mm, 4g, Disposable electorodes: Ø43mm, 1g, Color: White | | | |
| Battery | Lithium-Polymer 3.7VDC, Basic : 180mAh, Extended : 360mAh | | | |
| Components | 2 Modules, 1 Connection cables, 20 Disposable electrodes, 1 User guide | | | |
| Manufacturer / Country | Solmitech Co., Ltd. / Republic of Korea | | | |

Refit Patch U6

SHC-U6/U6D/U6B

Refit Patch U6 is a patch-type 3-Lead (6-Ch) wireless ECG monitor. With this device, you can measure your ECG, heartrate, HRV, stress level, step count, calories burnt, etc wirelessly.



- Comfortable and flexible mobile healthcare device to monitor your physical signals and activities
- Small and light-weight (weight: 20g, D: 35mm, H: 11.5mm)
- Rechargeable battery (capacity: 180/360mAh)
- Continuous operation for up to 30/60 hours
- Bluetooth wireless communication
- Free downloadable mobile app (Happ+) from Google Play and Apple App store
- Providing dedicated PC-based software program (SMW-V1.x and RefitPatch Viewer V1.x)



< Mobile app 'Happ+' >

< PC-based software, SMW-V1.x & RefitPatch Viewer-V1.x >

Specification

| Model | SHC-U6 | SHC-U6D | SHC-U6B |
|--------------------------------|---|------------------------|------------------------|
| Sampling rate (SPS) | 200 | 250 | 250 |
| Filter range (Hz) | 1~40 | 0.5~40 | 0.5~40 |
| Data transfer | Bluetooth 2.1 | Bluetooth 2.1/4.0 | Bluetooth 4.0 |
| Continuous recording (hour) | 4/8 | 10/20 | 30/60 |
| Exported file format | RPD, CSV, SMW | RPD, CSV | RPD, CSV |
| Transmission distance (m) | < 10 | < 10 | < 3 |
| Charging Time (min) | 40 | 40 | 40 |
| Interworking software (App) | Happ+ (Android only) | Happ+ (Android/iOS) | Happ+ (Android/iOS) |
| Interworking software (PC) | SMW-V1.x, RefitPatch Viewer V1.x | RefitPatch Viewer V1.x | RefitPatch Viewer V1.x |
| Software Development Kit (SDK) | Windows/Android | Android | Android |
| Dimension & Color | Power: Ø35mm, H12mm, 10g, Main: Ø36mm, H7mm, 5g, Communication: Ø35mm, H7mm, 5g Cable: 67mm, 4g, Disposable electorodes: Ø43mm, 1g, Color: White | | |
| Battery | Lithium-Polymer 3.7VDC, Basic : 180mAh, Extended : 360mAh | | |
| Components | 3 Modules, 2 Connection cables, 1 Wireless dongle, 1 S/W CD (User guide), 20 Disposable electrodes | | |
| Manufacturer / Country | Solmitech Co., Ltd. / Republic of Korea | | |

Refit Patch-MT1

SHC-MT1



SHC-MT1 is a multi-user wireless bio-signal monitoring and analysis system for measuring ECG (1-Ch), heartrate, HRV and acceleration signals. You can monitor the physical and activity signals up to 5 people simultaneously.

- Measuring 1-Ch ECG, 3-axis acceleration signals, heartrate and HRV
- Simultaneous measurement of up to 5 people (1~5 people)
- Optimal solutions for sports and rehabilitation with analysis of obtained health signs
- Health data storage/loading/playback capabilities provided with analysis reports
- Bluetooth wireless communication (Class II)
- Continuous operation for 4/8 hours
- Providing dedicated PC-based program (SMW-MULTI V1.x)



Specification

| | | |
|------------------------|-----------------------|--|
| Components | Device | 5 Refit Patches (SHC-U7A) |
| | Program | SMW-MULTI V1.x, 1CD |
| | Bluetooth dongle | SS-BT1 (Bluetooth, V2.1 EDR, Class-II), 1ea |
| | Disposable electrodes | Ø 43mm, 50 Disposable electrodes |
| | Secondary battery | 360mAh, 5ea |
| | User guide | 1 Copy |
| Bag Case | Size | 460mm (W) X 300mm (L) X 150mm (H) |
| | Weight | 500g |
| Measuring Signals | ECG | 1-CH (x5 people) |
| | ECG Passband | 1~150Hz |
| | CMRR | 60dB and above (@150HZ) |
| | ACC | 3-Axis (X/Y/Z-Axis) |
| | Sampling resolution | 10-bit |
| | Sampling frequency | 200/250/500/1KHz |
| Power | Rated voltage | 3.7VDC, Lithium-polymer battery |
| | Battery | 180mAh / 360mAh |
| | Working hours | Up to 4 / 8 hours of use |
| | Charging time | Approx. 30 / 60 minutes (5V, 1A, DC adapter use) |
| Communication | | Bluetooth 2.1 (Class II), Distance: within 10m |
| Manufacturer / Country | | Solmitech Co., Ltd. / Republic of Korea |

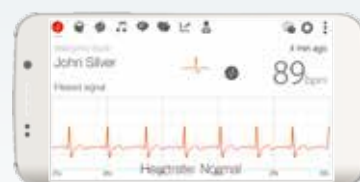
Refit Peanut

SHC-P1

Refit Peanut is a wireless health check device. It is based on Bluetooth technology and comes handy with a dedicated application program. It allows you to check and monitor your health anytime and anywhere on your smartphone.



- Smartphone interworking bluetooth-based health checking device
- Measurement of ECG, heartrate and stress levels on your smartphone
- Stress management by mind color, mind music and inspiring proverb contents
- Love index measurement between lovers
- Free downloadable 'Refit Card & Peanut' app in Google Play and Apple App store
- Saving the measured data and SNS sharing through the Refit Card & Peanut mobile app



< Refit Peanut App >



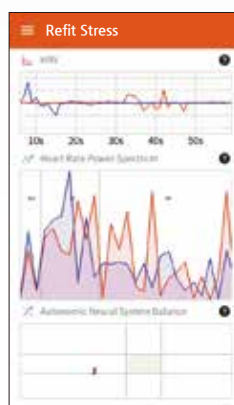
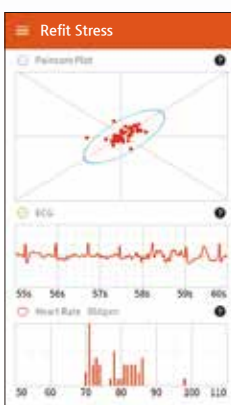
< Stress Level >



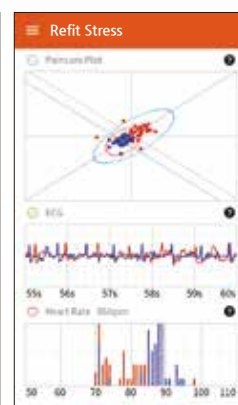
< Heartrate & ECG >



< Sharing Records >



< Stress Analysis >



Specification

| | | |
|------------------------|---|-------------------------------|
| Device | Size | W : 80mm, L : 30mm, H : 7mm |
| | Weight | 16g |
| | Color | Black / White |
| Power | Rated voltage | DC 3.7V |
| | Power consumption | 60mW (In communication) |
| | Battery | Lithium-Polymer 3.7VDC, 48mAh |
| | Charging time | Approx. 10 minutes |
| Communication | Bluetooth 2.1 / 4.0 | |
| Components | 1 Refit Peanut, 1 User guide | |
| Certification | KC, CE, FCC | |
| Manufacturer / Country | Solmitech Co., Ltd. / Republic of Korea | |

Refit Peanut C

SHC-P1C

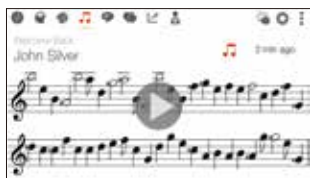
Refit Peanut C is a battery-less cable type health check device. It comes handy with a dedicated application program, so it allows you to check and monitor your health condition on your smartphone anytime and anywhere.



- Smartphone interworking cable type health checking device
- Measurement of ECG, heartrate and stress levels on your smartphone
- Stress management by mind color, mind music and inspiring proverb contents
- Love index measurement between lovers
- Free downloadable 'Refit Card & Peanut' app in Google Play store
- Saving the measured data and SNS sharing through the Refit Card & Peanut mobile app



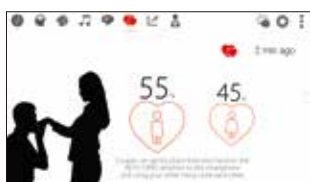
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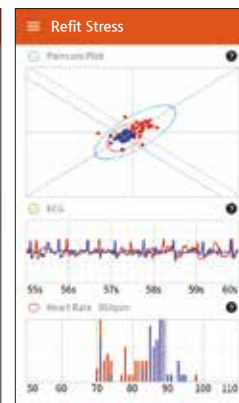
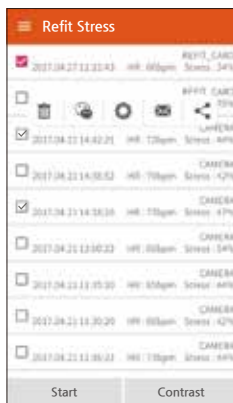
< Mind Music >



< Heartrate & ECG >



< Love Index >



< Stress Analysis >

Specification

| | | |
|------------------------|-------------------|--|
| Device | Size | W : 80mm, L : 30mm, H : 7mm |
| | Weight | 14g |
| | Color | Black / White |
| Power | Rated voltage | DC 3.0V (No internal battery, smartphone battery is applied) |
| | Power consumption | 50mW (In communication) |
| Communication | | USB 2.0 OTG |
| Components | | 1 Refit Peanut C, 1 Cable (20cm), 1 User guide |
| Certification | | KC, CE, FCC |
| Manufacturer / Country | | Solmitech Co., Ltd. / Republic of Korea |

Refit Card

SHC-CD1

Refit Card is world's first battery-less health credit card. It is based on NFC technology and comes handy with a dedicated application program. It allows you to check and monitor your health anytime and anywhere on your smartphone.



- Smartphone interworking NFC-based health checking device
- Measurement of ECG, heartrate and stress levels on your smartphone
- Stress management by mind color, mind music and inspiring proverb contents
- Love index measurement between lovers
- Free downloadable 'RefitCard' app in Google Play store
- Saving the measured data and SNS sharing through the RefitCard mobile app



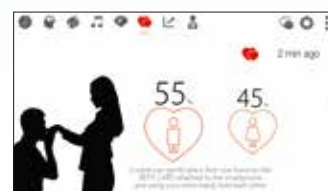
< Refit Card App >



< Stress Level >



< Mind Music >



< Love Index >



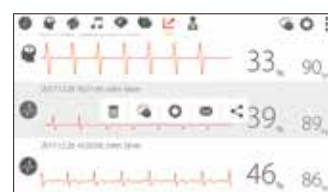
< Heartrate & ECG >



< Mind Color >



< Maxims >



< Sharing Records >

Specification

| | | |
|------------------------|-------------------|--|
| Device | Size | W : 84mm, L : 53mm, H : 3mm |
| | Weight | 13g |
| | Color | White / Sky blue |
| Power | Rated voltage | DC 3.0V (No internal battery, Power transmitted by smartphone) |
| | Power consumption | 30mW (In communication) |
| Communication | | NFC (Transmission distance: within 10cm) |
| Components | | 1 Refit Card, 1 User guide |
| Certification | | KC, CE, FCC |
| Manufacturer / Country | | Solmitech Co., Ltd. / Republic of Korea |

Refit Card-USB

SHC-CD1U

Refit Card-USB is a battery-less health credit card. It is based on USB technologies and comes handy with a dedicated application program. It allows you to check and monitor your health condition on your smartphone anytime and anywhere.

- Smartphone interworking USB-based health checking device
- Measurement of ECG, heartrate and stress levels on your smartphone
- Stress management by mind color, mind music and inspiring proverb contents
- Love index measurement between lovers
- Free downloadable 'RefitCard' app in Google Play store
- Saving the measured data and SNS sharing through the RefitCard mobile app



< Refit Card App >



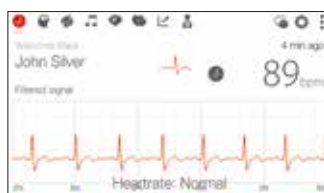
< Stress Level >



< Mind Music >



< Love Index >



< Heartrate & ECG >



< Mind Color >



< Maxims >



< Sharing Records >

Specification

| | | |
|------------------------|-------------------|--|
| Device | Size | W : 84mm, L : 53mm, H : 3mm, Cable : 10cm |
| | Weight | 15g |
| | Color | White / Sky blue |
| Power | Rated voltage | DC 5.0V (No internal battery, smartphone battery is applied) |
| | Power consumption | 50mW (In communication) |
| Communication | | USB 2.0 |
| Components | | 1 Refit Card-USB, 1 User guide |
| Manufacturer / Country | | Solmitech Co., Ltd. / Republic of Korea |



mobile healthcare services



SOLMITECH CO., LTD.

605R, Daejeon Business Agency, 96 Gajeongbuk-ro, Yuseong-gu, Daejeon 34111, KOREA

Tel : +82-70-7558-9877 | Fax : +82-42-367-0347 | E-mail : hello@solmitech.com

www.solmitech.com