



USER'S MANUAL

Model :IC-HSP001



Introduction

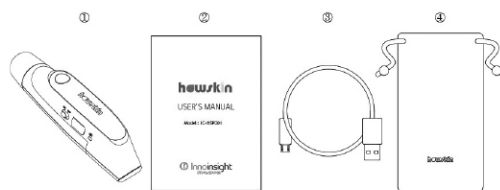
"Howskin" is skin analyzing device, based on IoT(Internet of Things) technologies, measuring skin hydration, lipid, and pH level. You can analyze your skin with the device paired to your own smartphone and its application we provide. You can also find skin care guide and recommended cosmetic products optimized to your skin conditions.

Specifications

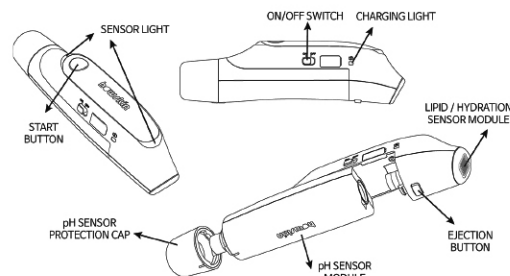
- Model : IC-HSP001 (This device is not for medical use)
- What to measure - Skin's Hydration, Lipid and pH level
- Smartphone connection : BLE(Bluetooth Low Energy) v4.0
- Dimension : 32mm(W) X 146mm(L) X 37.5mm(H)
- Weight : 110g
- Rechargeable battery : DC 3.7V 180mAh(Lithium Polymer)
- Power supply : DC 5V, more than 250 mA with Micro 5 pin Cable
- Power consumption : Power on - 6mA, Power off - 45µA
- If you need other information of the product, visit our website of the product and find "User's Manual".

Package Contents

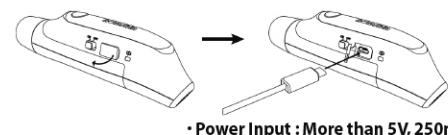
- ① Howskin Main Body
- ② User's Manual
- ③ Battery Charger Cable (micro 5 pin)
- ④ Pouch



Device Layout



Charging the battery



- Charge the battery before using Howskin for the first time or when the device has been unused for extended periods.
- When you charge the battery, you can see the red light on the device, and after charge completed, the light will be out.
- After charging, pull the cable out from the charging port.
- You should not use the device while the battery is charged.

Smartphone Application

The device can be used paired to smartphone and "Howskin" application. It supports android OS and iOS. You can see smartphones the application supports on the product's website. The application can be downloaded and used from application store, "Google Play" and "App Store". You can also find a detailed user's manual on the product's website.

Howskin's website - <http://www.howskin.net>

Tips for accurate measurement

- When you measure your skin, touch the sensor stick to your skin lightly. For more accuracy, measure with same pressure.
- The inner side of The inner side of pH sensor protection cap must always be kept wet. The pH sensor protection cap must always be kept wet. When you use it, polish sensor head with dry cloth or cotton before and after measuring. **(Do not drop the lipid/hydration sensor module in the water)**
- For more accurate measurement, you are recommended to use the device before using cosmetics.
- When the pH sensor head is dry, it is recommended that you put water a little into pH sensor protection cap and wait for 2 hours or so. And then use it.
- When you measure the same area of your skin, you measure it with a minimum of 30 seconds or longer intervals for more accurate results.
- For the safe use the product, please do not use it onto other material than human skin.

Safety and Cautions for using Howskin

- Do not apply shock or damage to the device or the battery.
- Do not disassemble the device and replace the parts.
- Please be careful that charging port is not touched by conductive materials (e.g. water, metal). The whole body of the device, except the head of pH sensor, should be kept away from the liquid material.
- When the device is damaged or in case of problems, discontinue use and call the customer center. - In case of damages in the sensing parts - pH sensor is made of glass and weak to the physical stress. Please be noticed that the pH sensor head should be kept by protection cap and wet when it is not used. Dropping can cause damage to it. - Do not use distilled water for keeping the pH sensor head wet.
- Do not use the device nearby electromagnetic devices like microwave ovens. It can cause errors of measured value and damage to the device.
- The product is not waterproof. Do not drop the body of product into water or wash it except for the pH sensor head.
- Do not allow children or pet touch or bite it.
- The optimal operating temperature of the device is 15~25°C, humidity is 70% or less. Please keep the device at room temperature not in use. Direct sunlight, high temperature and humidity can cause errors of measured value and damage to the device. If you need detailed information about safety, please refer to the "User's Guide" posted on the product's website.
- Please be aware that sensor heads must be clean, and wipe the dirt out with soft dry cloth or cotton. Rough-faced things, just like toothbrush, are not acceptable.
- Please keep the power button off when charging it. You can use the device after charging completed and red led light out.

CAUTION:

To assure continued FCC compliance:

1. Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

End users must follow the specific operating instructions for satisfying RF exposure compliance.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC Label Compliance Statement:

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.

Customer Support

If you have any problem with using Howskin, please send us email or call the number below and let us know the status of your device and where to contact you.

- Phone number : 82-70-4858-7770 (Weekday, 10:00~19:00)
- E-mail : service@innoinsight.co.kr
- Call us if you need replacement of defective product in 14 days after purchasing.

Manufacturer / Seller Information



- Certification Code : MSIP-CRM-155-IC-HSP001
- Model : Skin Analyzing Device (IC-HSP001)
- Application for design registration : 30-2015-0052957
- Official Seller : Innoinsight Inc.
- Address : #603, Worldmeridian Venture-center 2 bldg., 123, Gasan Digital 2-ro, Geumchon-gu, Seoul, Korea
- Manufacturer : Innoinsight Inc. / Cosfa
- Manufactured in Korea
- Power Supply : DC 5V, more than 250mA
- Date of manufacture : displayed separately

Standard Limited Warranty

- The warranty period commences upon the date of purchase and box-seal opening and continuing for the following specified period of time after that date - for personal use : 1 year, for business use : 6 Months
- If you have failure on the product, call or send an email to us stated in "User's manual" or product website.
- In 7 days after your request of warranty service, you will be notified warranty coverage. In paid service case, it could require you to pay charges including shipping, parts, and labors, etc.
- This Warranty is valid in Republic of Korea. If you purchase it out Korea, you should refer it to where you purchased it.

Manufacturer's Obligations

The Limited Warranty Service is conditioned upon proper use of product by purchaser. During the applicable warranty period, provided the product is returned in accordance with the terms of this Limited Warranty, the manufacturer or seller will repair or replace the product without charge to purchaser, or at the manufacturer's sole option, refund the purchase price. The manufacturer may, at his sole option, use rebuilt, reconditioned, or new parts or components when repairing any product, or may replace the product with a rebuilt, reconditioned or new product. Repaired/replaced cases will be warranted for a period of ninety (90) days. All other repaired/replaced products will be warranted for a period equal to the remainder of the original Limited Warranty on the original product or for ninety (90) days, whichever is longer. All replaced products, parts, components, boards and equipment shall become the property of the manufacturer. This Limited Warranty is extended to the purchaser and is not transferable or assignable to any other person or entity. To obtain service under the Limited Warranty, purchaser must return the product to the authorized seller or manufacturer in an adequate container for shipping, accompanied by the sales receipt or comparable proof of sales that shows when and where he/she purchased the product including the serial number of the product. To obtain the service, please visit the product website (www.howskin.net) or call the customer center (82-70-4858-7770) first, and be notified how to get the service. If the manufacturer determines that any case is not covered by the Limited Warranty, purchaser must pay all parts, shipping, and labor charges for the repair or return of such product.

What is not covered

The Limited Warranty does not cover defects or damages resulting from

- Accident, misuse, abnormal use, abnormal conditions, improper storage, exposure to liquid, unusual physical, electrical or electromechanical stress
- Scratches, dents and cosmetic damage, unless caused by the manufacturer
- Ordinary wear and tear
- The use of power cable and other parts those are not approved by manufacturer
- Improper testing, operation, maintenance, installation, service, or adjustment not furnished or approved by the manufacturer
- External causes such as collision with an object, fire, flooding, dirt, windstorm, lightning, earthquake, exposure to weather conditions, theft, blown fuse, or improper use of any electrical source
- User's not following cautions in the user's guide
- The consumable parts those are out of life expectancy (pH Sensor module, Battery, etc.)

Limits on the manufacturer's liabilities

This LIMITED WARRANTY sets out the full extent of the manufacturer's responsibilities, and the exclusive remedy regarding the products. All implied warranties, including without limitation, implied warranties of merchantability and fitness for a particular purpose, are limited to the duration of this LIMITED WARRANTY. In no event shall the manufacturer be liable for damages in excess of the purchase price of the product or for, without limitation, commercial loss of any sort; loss of use, time, data, reputation, opportunity, goodwill, profits or savings; inconvenience; incidental, special, consequential or punitive damages; or damages arising from the use or inability to use the product. Some states and jurisdictions do not allow limitations on how long and implied warranty lasts, or the disclaimer or limitation of incidental or consequential damages, so the above limitations and disclaimers may not apply to you. The manufacturer makes no warranties or representations, express or implied, statutory or otherwise, as to the quality, capabilities, operations, performance or suitability of any third-party software or equipment used in conjunction with the product, or the ability to integrate any such software or equipment with the product, whether such third-party software or equipment is included with the product distributed by the manufacturer or otherwise. Responsibility for the quality, capabilities, operations, performance and suitability of any such third-party software or equipment rests solely with the purchaser and the direct vendor, the owner or supplier of such third-party software or equipment.

Nothing in the product instructions or information shall be construed to create an express warranty of any kind with respect to the products. No agent, employee, dealer, representative or reseller is authorized to modify or extend this Limited Warranty or to make binding representations or claims, whether in advertising, presentations or otherwise, on behalf of the manufacturer regarding the products or this Limited Warranty. This Limited Warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

If any portion of this Limited Warranty is held to be illegal or unenforceable, such partial illegality or unenforceability shall not affect the enforceability of the remainder of the Limited Warranty.

