



Shenzhen Rainbow Technology Co., Ltd.

Add: Building C, Fenda Technology Innovation Park, Gushu Area,
Xixiang, Baoan District, Shenzhen, Guang dong province, China.

Web: www.rainbowdo.com.

Tel: (86)-755--2301-0360.

Phone: (86) 131 3885 7051

Email: Rainbow06@rainbowdo.com.



Hands Free Wearable Breast Pump CATALOG.

[深圳市瑞音博科技有限公司](http://www.rainbowdo.com)

Shenzhen Rainbow Technology Co., Ltd.

RB-018



Wearable Breast pump

Market Trend and Business Chance

The electric breast pump have incersed the market volume, more and more new mom's willing to buy it.

It grows rapidly from below table of google, especially in the past 4 years



Market research-User feedback & concerns

From below comments, you could know clearly for what user concerns, they need portable, light breast pump, without long tubes, and not have risk of milk leakage, it really works on milk suction.



LK

☆☆☆☆☆ **Not useful**

Reviewed in the United States on November 13, 2018

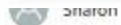
Verified Purchase

The haaka catches 1 oz of milk for me while i pump my other breast. Its foremilk which is watery. I don't think its worth having another dish to wash. It doesn't stay put on my DD breast and I'm paranoid about it spilling. Its a pretty cool idea but put the money towards a cute outfit for the baby instead.

20 people found this helpful

Helpful

Report abuse



sarah jeanne wachs

☆☆☆☆☆ **This is not a pump**

Reviewed in the United States on October 23, 2019

Verified Purchase

This is not a "pump." It literally only works if you are looking for and you have all day collect it drop the droplets that are otherwise wasted during nurs



sarah jeanne wachs

☆☆☆☆☆ **Fell off!!**

Reviewed in the United States on October 24, 2019

Verified Purchase

I could absolutely cry! 2 times this fell off and spilt milk, liquid gold!! Everywhere!



MichelleMary8lbs

☆☆☆☆☆ **Doesn't "pump" AT ALL!**

Reviewed in the United States on September 15, 2018

Verified Purchase

This "pump" did not work at all. I mean not AT ALL! something to stick on your boob to catch milk that as a travel pump to take with me and put in my pur my big Madela pump. I was wrong. I wound up havi



12 people found this helpful

225 people found this helpful



Our product strength (on solving pain point of breast pump)

- ❑ Adjustable mode and suction power
- ❑ Smart Timer and Memory Function
- ❑ Wearable design & Touch LCD screen
- ❑ Built-in Rechargeable Battery
- ❑ Low Noise(around 40dB)
- ❑ Effective structure design
- ❑ Safe Material & washable components
- ❑ All ready accessory

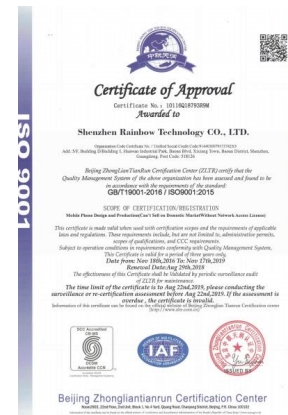
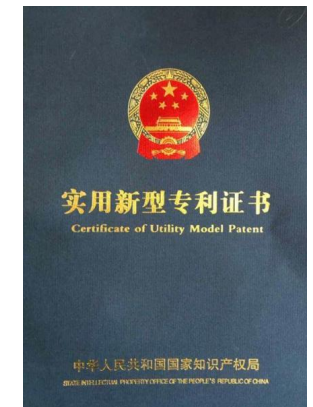
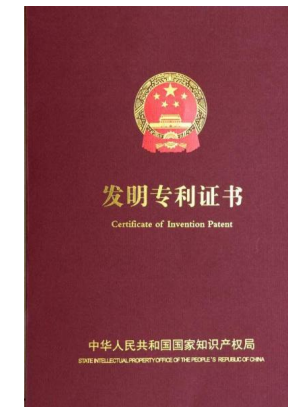




COMPANY PROFILE

Shenzhen Rainbow are an original manufacturer:

- Audited by Kmart & Costco
- With BSCI /ISO9001
- Professional in OEM & ODM, with our ID department
- Free ODM service, with free samples for evaluation





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06		Package includes
07		OEM&ODM
08		Contact Us

How to solve? When every fresh mother meet below problems



Little Breast Milk



Busy Work

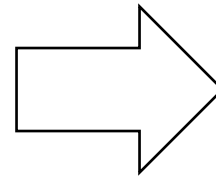


Block Breastmilk



Handheld Breast Pump

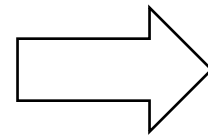
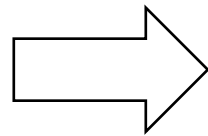
Use Wearable Breast Pump
Let baby drink milk effectively



Design Idea

Inspired by baby's unique combination of suckling and massage.

Wearable breast pump combines suction and nipple stimulation for quick letdown and milk flow.



➤ **THREE working Mode**

1. **Massage**

Stimulate breasts before pumping to help fast sucking, comfortable & pain-free.

2. **Lactation**

Limiting the baby's actual sucking frequency, get the milk

3. **Suction**

Super recommended mode, combined the function of "Massage" & "Lactation"



Different level, different suction power

Max Level suction power : 38Kpa



➤ **NINE Suction Levels**

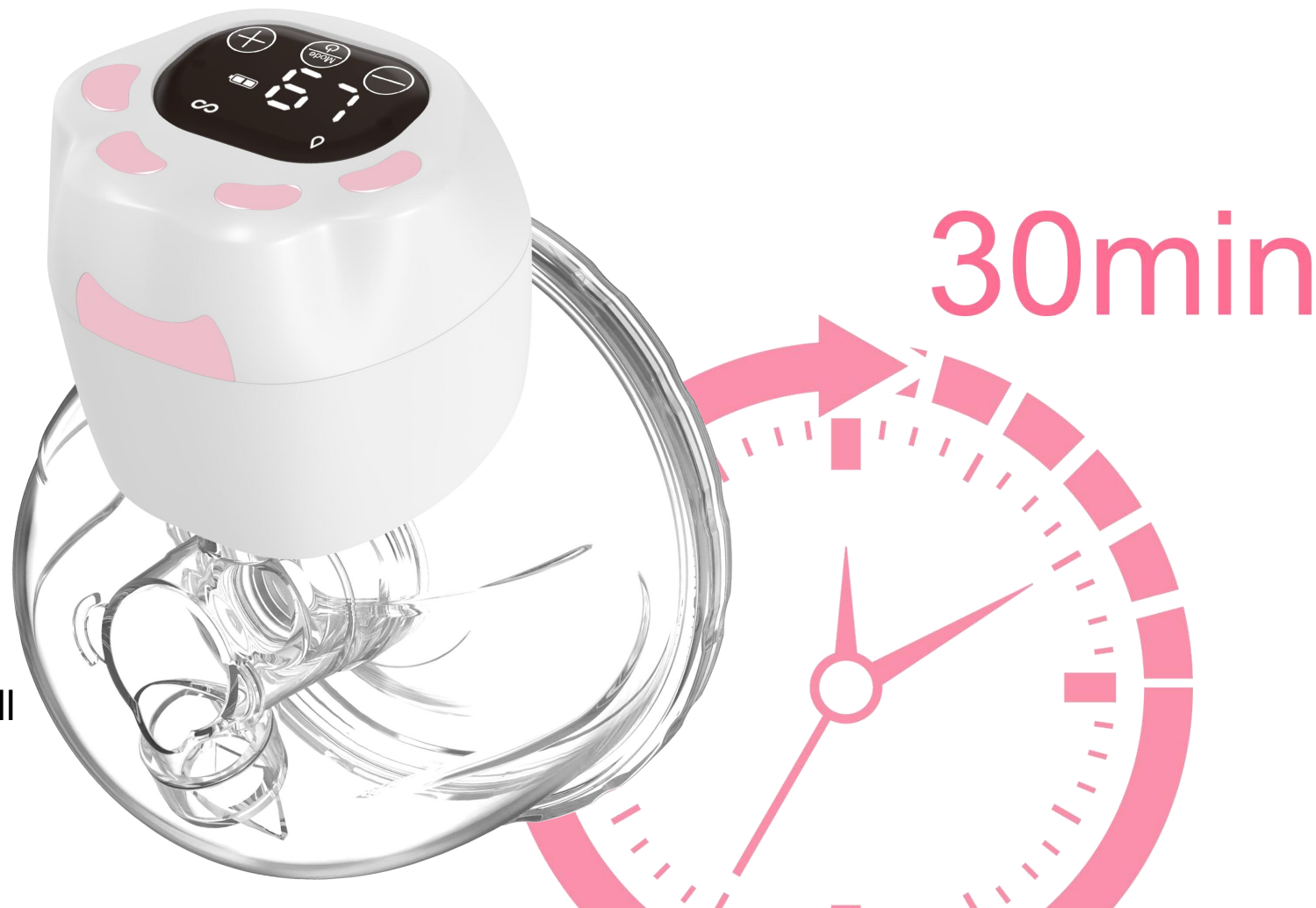
➤ **Smart Auto-protection**

In order to avoid the uncomfortable feeling caused by long-time suction

The device have been set to stop work after contiously suction milk for 30mins

➤ **Memory Function**

The device have memory function, it will star with “Massage” mode by default, and then will suck milk by the level power of last use



➤ Technology Innovation - Wearable design

1. wearable design, let women could got better balance between work and famliy
2. Portable, small size, easy for carry out
3. Delete the long tubes, and increse the acceptance of New Mom's when using the device, will not let woman feel like a cow





➤ **Smart Touch LCD Screen**

Single hand control, more convenient, especially when heavy things on hand or you need hold baby



➤ Built-in Rechargeable Battery

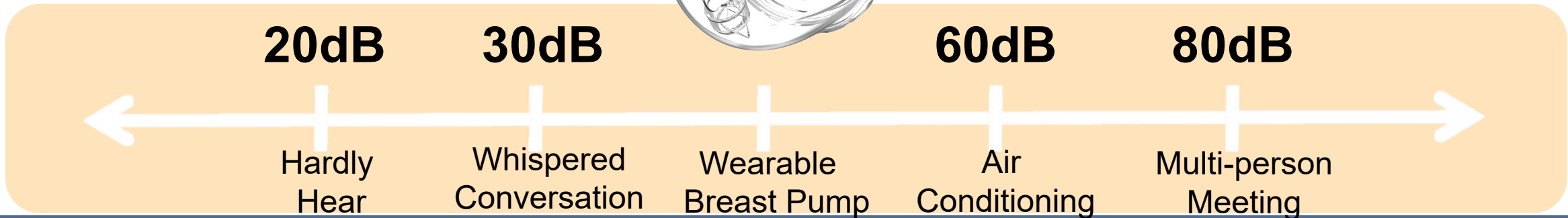
Wearable breast pump could continuous use for 2.5 hours with 1200mah Battery after fully charged.

It could run for 5 times, each time for 30mins





➤ **Low Noise(around 40dB)**

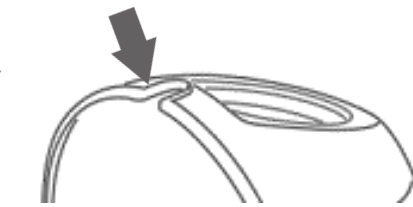
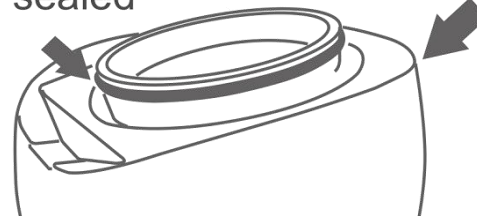


➤ Structure Strength

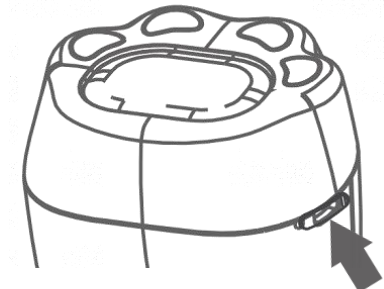
It has ANTI-BACKFLOW system prevents the milk leakage, protects milk from infection and keeps it fresh



Silicone sealed



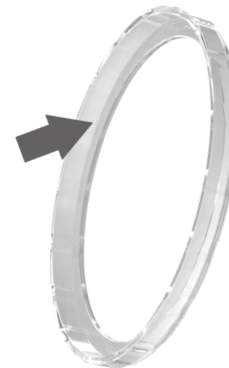
Two-usage hole
pour milk & air exhaust



Dust-proof plug



Deeper breast shield more fits
to breast, reduce discomfort



Lock ring prevent
leakage milk



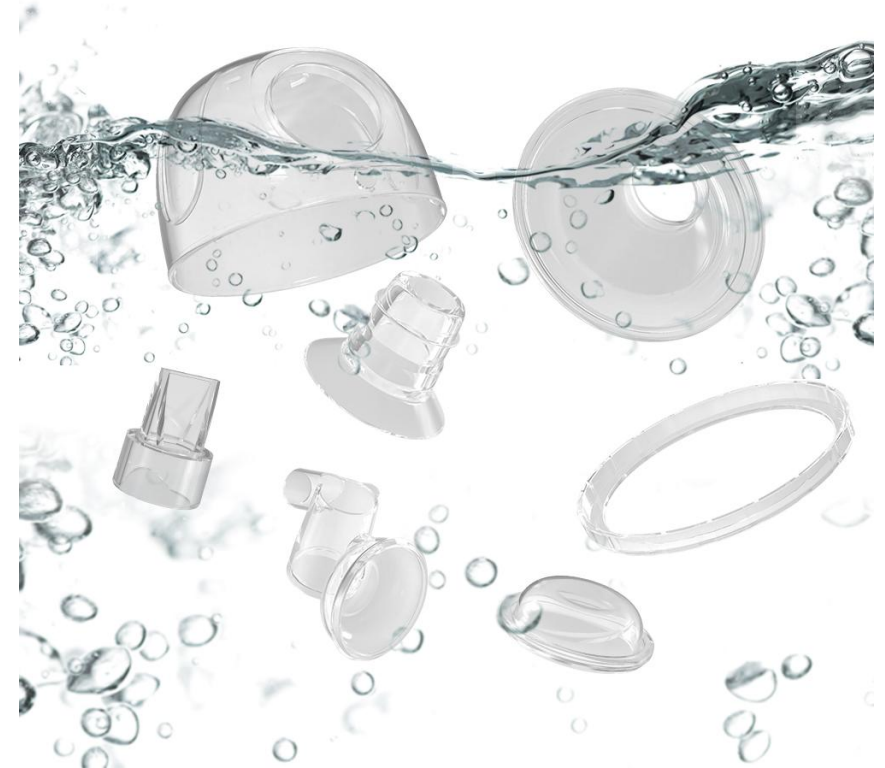
Silicone valve
anti-backflow milk



Round silicone piaphragm
prolong suction life

➤ Safe Material

Top-quality food grade silicone, BPA free, PVC free. Allowing your baby to drink safe and fresh breast milk.



➤ Washable component

The component will not be out of shape under hot water, and have a good disinfection

How to install?

Easy assembly way within 8 steps for users

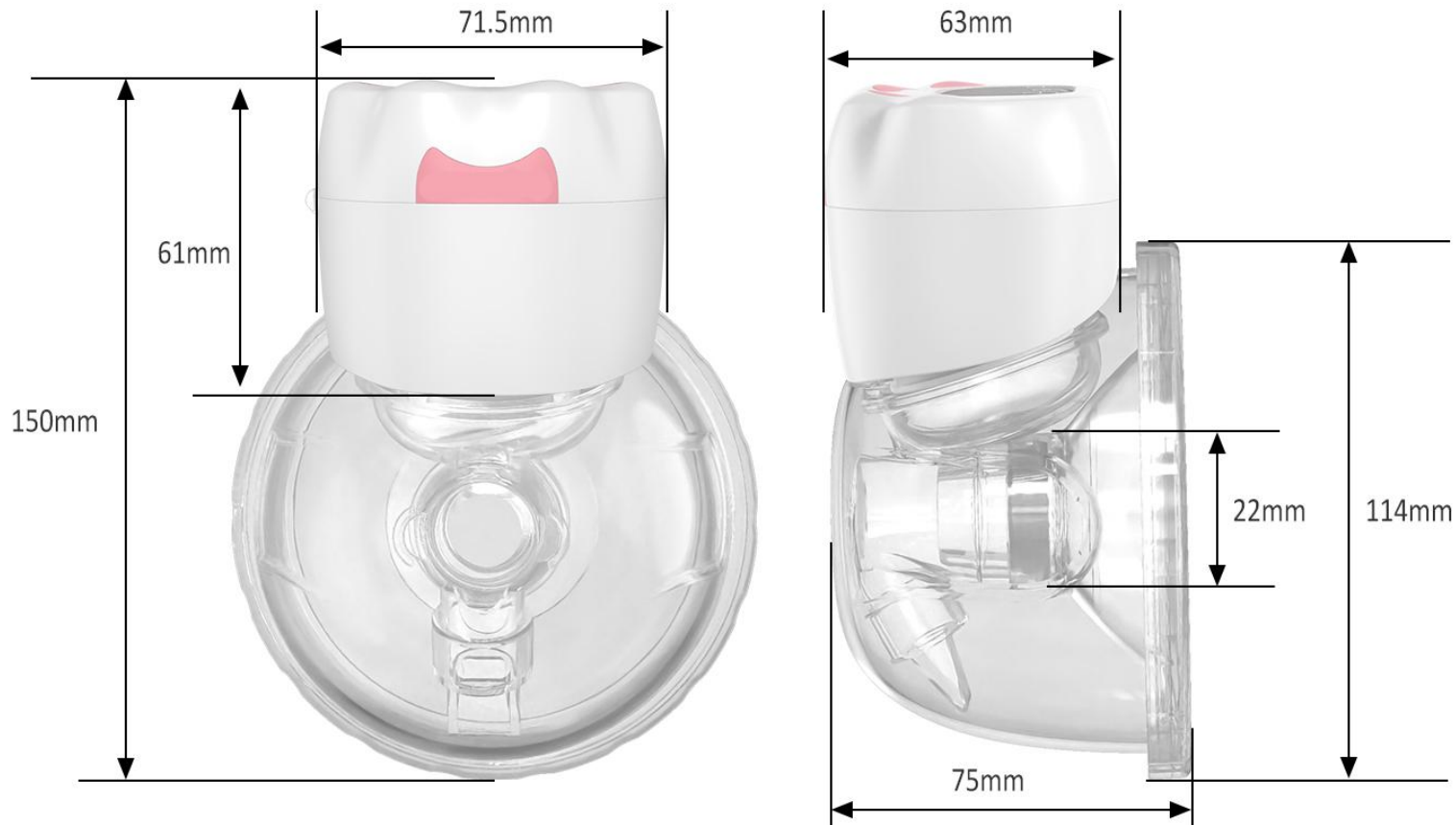


Follow instruction one by one, and finish installation



		
		
<p>Rainbow</p>	<p>Others</p>	<p>Others</p>
<p>Wearable design Smart and portable Hands-free</p>	<p>Hand-held design Inconvenient</p>	<p>Long cable design Inconvenient</p>

Parameters



Model	RB-018
Principle	Siphon Principle
Power Source:	5V 1A
Suction	MAX-38kpa
Charging time	Around 3 hours
Working time	Around 2.5 hours
Battery capacity	1200mah
Cable	Type-C

Package includes

➤ Normal Accessory



Package Details

Product Size

71.5*63*61mm

Unit Box Size

178*110*80mm

Pcs/Carton

32Pcs/Carton

Carton Size

495*340*375mm

➤ Optional Accessory



bra adjustment
buckle

①



storage bag

②



disposable
breastmilk storage bag

③



disposable
nursing pads

④



nursing bottle
brush

⑤

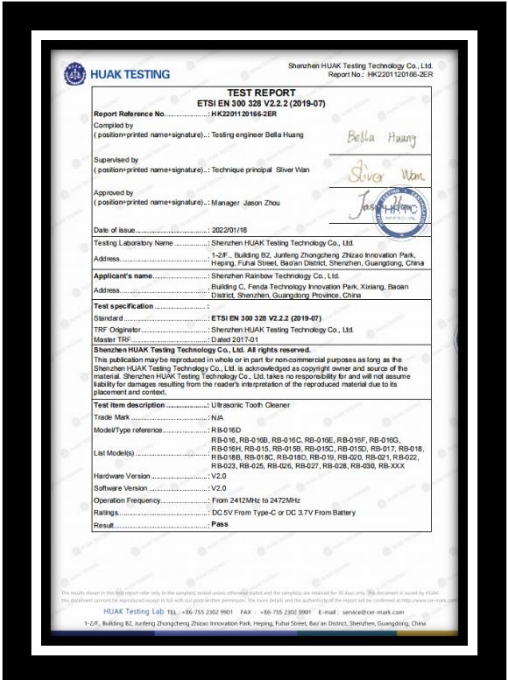
Product Certificates



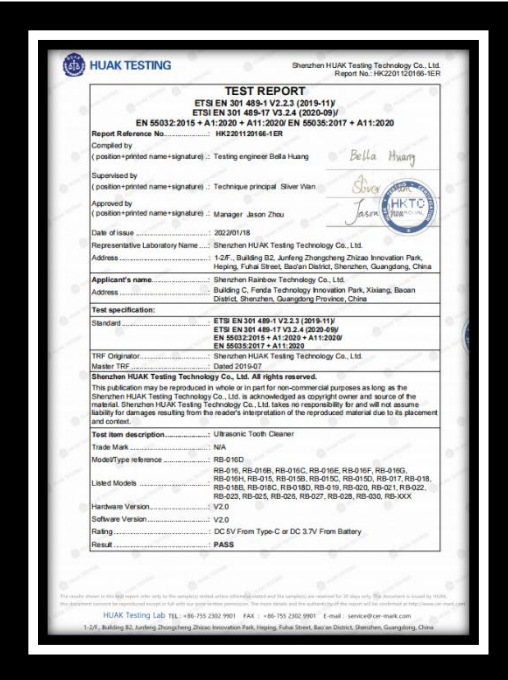
**CE-RED certificate
(2014/53/EU)**



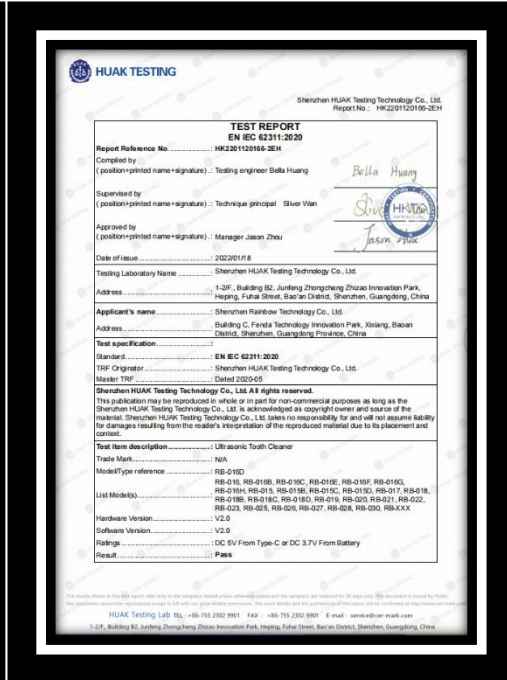
CE-LVD



CE- Radio



CE-EMC



CE- EMF

Product Certificates

SGS
Test Report No. SZXAL2003175823 Date: 24 Dec 2020 Page 1 of 6

DONGGUAN WANXIN METAL PRODUCTS CO., LTD.
 SHENZHEN CITY JINHAOSHENG METAL MATERIALS CO., LTD.
 SHENZHEN JINHAOSHENG SPECIAL STEEL CO., LTD.
 DONGGUAN JINHAOSHENG METAL MATERIALS CO., LTD.
 ZHONGSHAN JINHAOSHENG METAL MATERIALS CO., LTD.
 NO.12 ALONG THE RIVER MAOZHAI MOUNTAIN VILLAGE CHANGPING TOWN DONGGUAN CITY
 GUANGDONG PROVINCE CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : SU3316F

SGS Job No.: SZX2012016920PC - SZ
 Date of Sample Received: 17 Dec 2020
 Testing Period: 17 Dec 2020 - 24 Dec 2020
 Test Requested: Selected test(s) as requested by client.
 Test Method: Please refer to next page(s).
 Test Results: Please refer to next page(s).
 Conclusion: Based on the performed tests on submitted samples, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polychlorinated biphenyls (PCBs), Polychlorinated dibenzofurans (PCDFs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Dioctyl phthalate (DOP) comply with the limits set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Signed for and on behalf of
 SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Tina
 Approved Signatory

ROHS

BST A RELIABLE TESTING FOR TRUST

Supplier's Declaration of Conformity

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

Certification Sponsors
 Applicant: SHENZHEN RAINBOW TECHNOLOGY CO., LTD.
 Address: Building A, No. 6 Compound, Donglai Industrial Zone, Qianhu Area, Xixiang, Baoan District, Shenzhen
 Manufacturer Address: SHENZHEN RAINBOW TECHNOLOGY CO., LTD.
 Address: Building A, No. 6 Compound, Donglai Industrial Zone, Qianhu Area, Xixiang, Baoan District, Shenzhen
 Test standard: FCC Part 15 Class B
 Product Type: BEAUTY DEVICE
 Main Test Model: RB-010
 Additional Model: RB-010; RB-002; RB-013; RB-005; RB-206; RB-057; RB-008; RB-009; RB-011; RB-012; RB-013; RB-015; RB-016; RB-017; RB-018; RB-019; RB-020

Certificate Number: BSTF2020119565622C
 Report number: BSTF2020119565622C
 Issuance Date: 2020-09-02
 Tested by: BST Testing (Shenzhen) Co., Ltd.
 Signature of Officer: [Signature]

We, the responsible party,
SHENZHEN RAINBOW TECHNOLOGY CO., LTD
 declares that the product
BEAUTY DEVICE
 was tested to conform to the applicable FCC Rules and regulations. The method of testing was in accordance to the most accurate measurement standards possible, and that all necessary steps have been entailed to ensure that all production units of the same equipment will continue to comply with the Federal Communications Commission's requirements.

Signature: _____ Date: _____
 Name: _____ Title: _____

BST Testing (Shenzhen) Co., Ltd.
 Add: No. 1, New 6th Industrial Zone, Compound, Sector 0603, Shenzhen, Guangdong, China
 Certificate Search: <http://www.bst.com.cn>, Tel: 86-755-8623 80096003, E-mail: bst@bst.com.cn

FCC

FDA registration certificate
FDA 注册证明
 Fiscal Year 2021

SHENZHEN RAINBOW TECHNOLOGY CO., LTD
 5th floor, Building C, Fenda Technology Innovation Park, Xixiang, Baoan District, Shenzhen, Guangdong, 518000 CHINA

Owner/Operator Number: 10681395

Listing No./Code	Device Name	Proprietary Name

See next page

QIA will confirm that each registration remains effective upon receipt and presentation of this certificate until the end of the calendar year noted above, unless said registration is terminated after issuance of the certificate. QIA makes no other representation or warranties, nor does this certificate make any representation or warranties to any person or entity other than the signed certificate holder, for whose sole benefit it is issued. This act/filing does not denote endorsement or approval of the certificate-holder's device or establishment by the U.S. Food and Drug Administration. QIA assumes no liability to any person or entity in connection with the foregoing.

pursuant to 21 CFR 807.30, "Registration of a device establishment or assignment of a registration number does not in any way denote approval of the establishment or its products. Any representation that denotes an endorsement of official approval because of registration or possession of a registration number is misleading and constitutes misbranding." The U.S. Food and Drug Administration does not issue a certificate of registration, nor does the U.S. Food and Drug Administration recognize a certificate of registration. QIA is not affiliated with the U.S. Food and Drug Administration.

查册网址: <https://www.accessdata.fda.gov/cdrh/cdrhlist/cdrhlist.cfm>

Judy Yu
 Judy Yu, Chief Engineer
 issued date: 04/02/2021
 Expiration Date: 03/31/2022
 Web: <http://www.fda.gov> Tel: 1-888-NFDA-1088 (1-888-468-6103) www.fda.gov/cdrh/cdrhlist.cfm

FDA

NCT Technology Material Safety Data Sheet

MSDS Report

Prepared For / 申请者:	Shenzhen Julang Energy Industry Co., Ltd. 深圳市聚能能源实业有限公司 D# 120112, No.5, Lane 17, ZhangWu New Village, TangJia Community, Fenghuang Street, Guangming District, Shenzhen 深圳市光明区凤凰街道塘厦社区张屋新村十七巷5号120112楼D
Product Name / 产品名称:	Li-ion Battery 锂离子电芯
Model / 型号:	JL 902030 500mAh
Nominal Voltage / 标称电压:	3.7V
Typical Capacity / 典型容量:	500mAh, 1.85Wh
Weight / 重量:	9.5g
Dimension / 尺寸:	32.5mm X 20.0mm X 9.0mm (LxWxH)
Prepared By / 编制单位:	Shenzhen NCT Testing Technology Co., Ltd. 深圳耐测检测技术有限公司 2A, 2/F, Building C and 1/F, Building B, Mianhang Younger Pioneer Park, Hangcheng Road, Gushu, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China 广东省深圳市宝安区西乡街道航城大道前海青年先锋园B栋第1层、C栋第2层2A
Report No. / 报告编号:	NCT22001342XM1-1

Written by 编写: Vera Li Approved by 批准: [Signature]

Inspected by 审核: Hedy Wang Date 日期: [Signature]

Report No: NCT22001342XM1-1 Page 1 of 12
 Hotline: 400-8608-419 Tel: 86-755-27780322 http://www.ncttesting.com

MSDS

NCT Technology UN38.3 检测报告
UN38.3 Test Report

Client 委托方:	Shenzhen Julang Energy Industry Co., Ltd. 深圳市聚能能源实业有限公司
Add. of Client 委托方地址:	D# 120112, No.5, Lane 17, ZhangWu New Village, TangJia Community, Fenghuang Street, Guangming District, Shenzhen 深圳市光明区凤凰街道塘厦社区张屋新村十七巷5号120112楼D
Samples Description 样品名称:	Li-ion Battery 锂离子电芯
Model/Type 型号规格:	JL 902030 500mAh
Testing Laboratory 测试机构:	Shenzhen NCT Testing Technology Co., Ltd. 深圳耐测检测技术有限公司 2A, 2/F, Building C and 1/F, Building B, Mianhang Younger Pioneer Park, Hangcheng Road, Gushu, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China 广东省深圳市宝安区西乡街道航城大道前海青年先锋园B栋第1层、C栋第2层2A Phone number 电话: 86-755-27780322 Email 邮箱: sales@nct-testing.com Website 网站: http://www.ncttesting.com
Report No. 报告编号:	NCT2103036X0B1-1
Issued Date 发行日期:	2021/09/05
Test Conclusion 测试结论:	Shown in the Conclusion of test report. 见检测报告结论。
Tested by 主检人: Michael Lei	Approved by 批准人: [Signature]
Inspected by 审核人: Hedy Wang	Date of Issue 签发日期: [Signature]

Report No: NCT2103036X0B1-1 Page 1 of 19 第 1 页共 19 页
 Hotline: 400-8608-419 Tel: 86-755-27780322 http://www.ncttesting.com

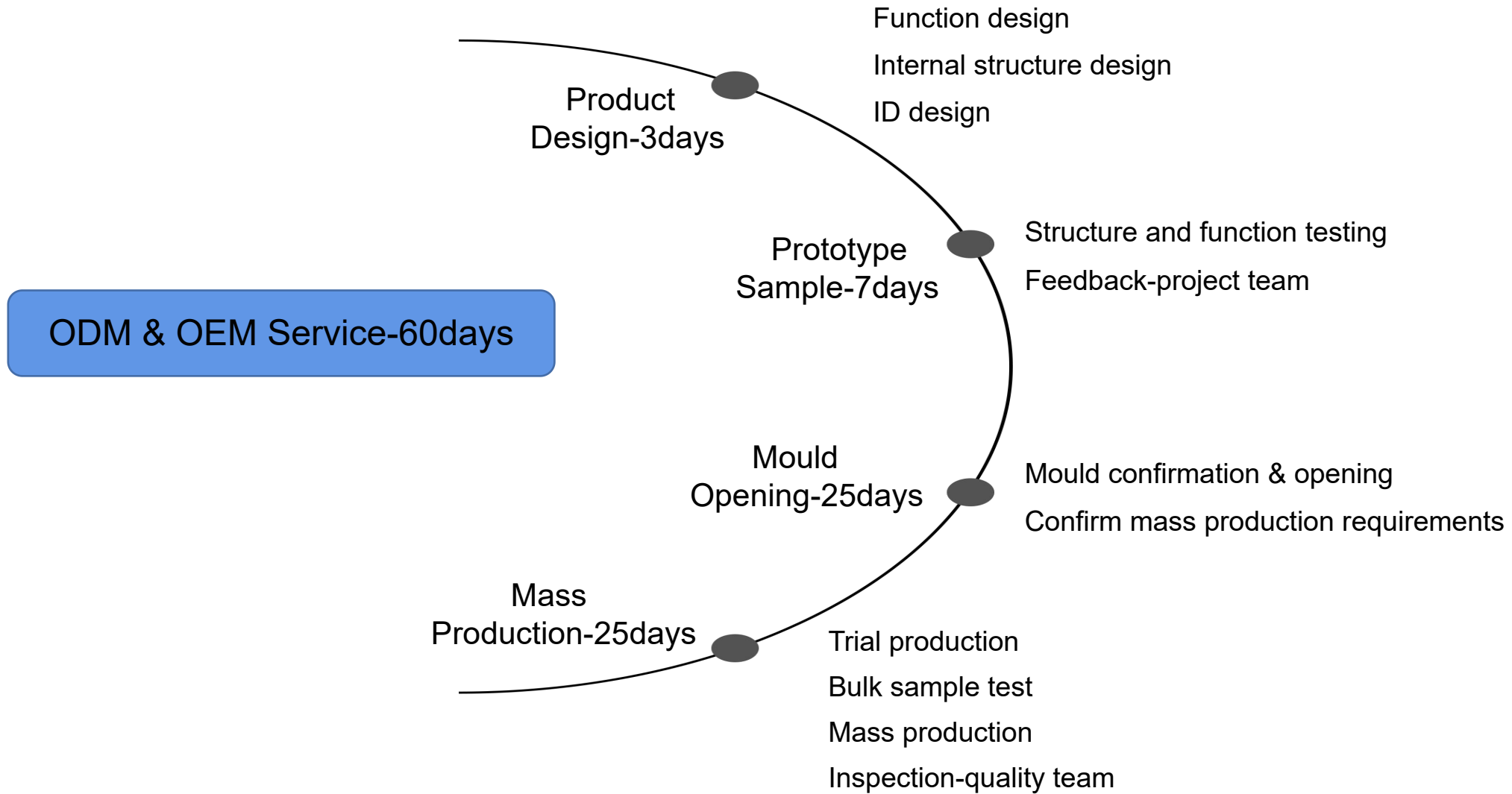
UN38.3



We are manufacturer, and we have more than 8 years experiences in ODM &OEM

If your wanna unique design, Rainbow could do for you, as we have our own ID engineers





Contact us


SAY
Hello we'd love to talk...




Joyce Wang

 rainbow10@rainbowdo.com

 rainbowsales15

 (86)-136-3268-1462

 (86)-755--2301-0360

 Building C, Fenda Technology Innovation Park, Xixiang, Baoan District, Shenzhen, Guangdong province, China.



Shenzhenrainbow



Shenzhen Rainbow



Shenzhen Rainbow Technology Co.,Ltd



Company website



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