



Fly Cat Electrical Co.,Ltd.

Centennial Flycat

FLYCAT

FC5170

Mini抽拉便携式冲牙器

抽拉式水箱 秒变大容量
泡腾片设计 口气更清新



FLYCAT

FC5090
便携式冲牙器

高频脉冲 多效洁净



FLYCAT

FC5260

Mini抽拉便携式冲牙器

抽拉式水箱 秒变大容量
DIY水压 舒适冲牙



FLYCAT

FC175 台式冲牙器

大容量水箱
十级水压调节



FLYCAT

NJ3841

便携式洗鼻器

洗鼻盐水冲洗鼻腔
减少新冠感染几率*



*中国眼耳鼻喉科杂志 2022 年 7 月第 22 卷第 4 期：鼻腔盐水冲洗预防新型冠状病毒感染专家共识

FLYCAT

NJ5070

便携式电动洗鼻器

细腻喷雾 轻柔冲洗



FLYCAT

NJ5060

儿童便携式电动洗鼻器

细腻喷雾 轻柔冲洗



CATALOG

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Company
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COMPANY PROFILE



Flycat Electrical Co., Ltd. (“Flycat”) is a specialized manufacturer of oral care products and the company behind the NICEFEEL brand.

Founded in 2012, Flycat has grown into a trusted OEM/ODM partner for global brands. Our manufacturing facility spans over 20,000 square meters and is supported by a team of more than 600 employees, including over 40 experienced R&D engineers.

With more than 400 patents and fully integrated in-house production capabilities, we oversee every stage of the manufacturing process — from product design and tooling to production and quality control — ensuring consistency, efficiency, and scalability.

We operate 30 production lines with a daily output capacity of up to 30,000 units. With an average lead time of 30 – 35 days and annual shipments exceeding 4 million units, Flycat is well positioned to support high-volume global demand.

Flycat is certified to ISO 9001 and ISO 13485 standards. Our products comply with key international regulations and certifications, including CE, FDA, RoHS, UL, and IPX7.

Today, our products are distributed in over 60 countries and regions. We are proud to be a long-term manufacturing partner for brands, distributors, and healthcare companies worldwide.

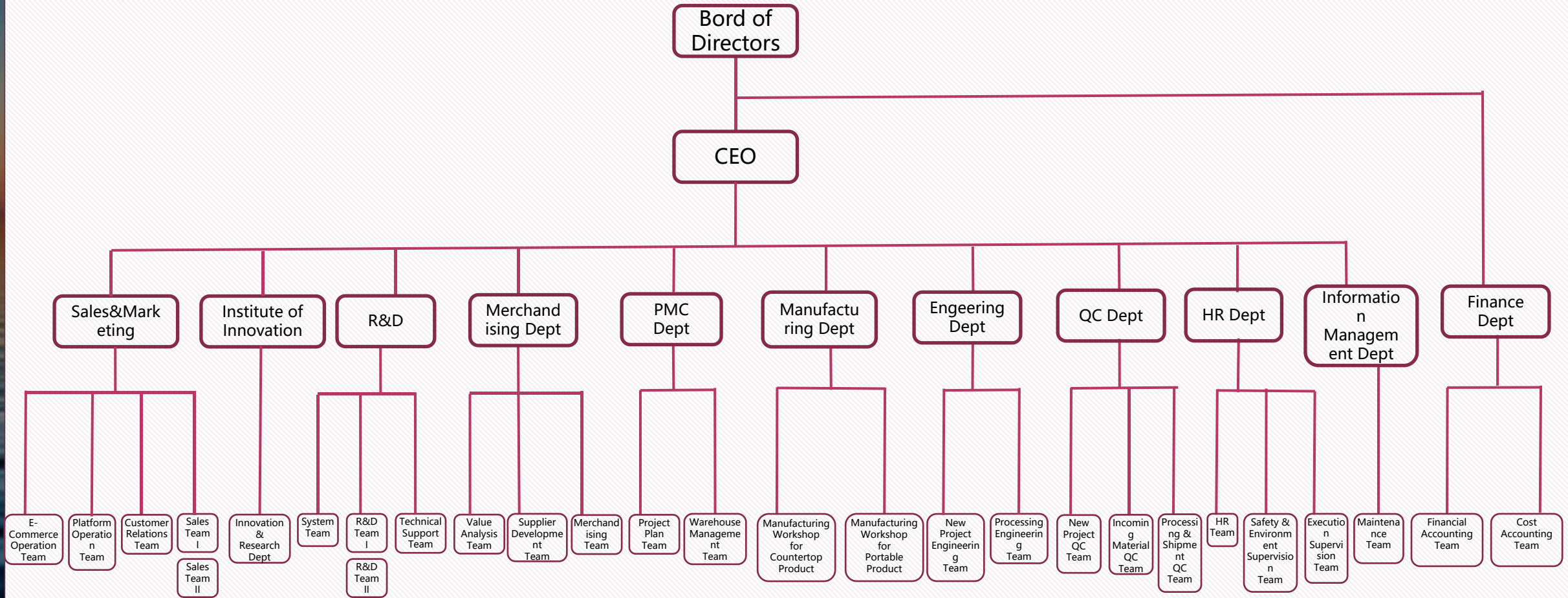


MILESTONES



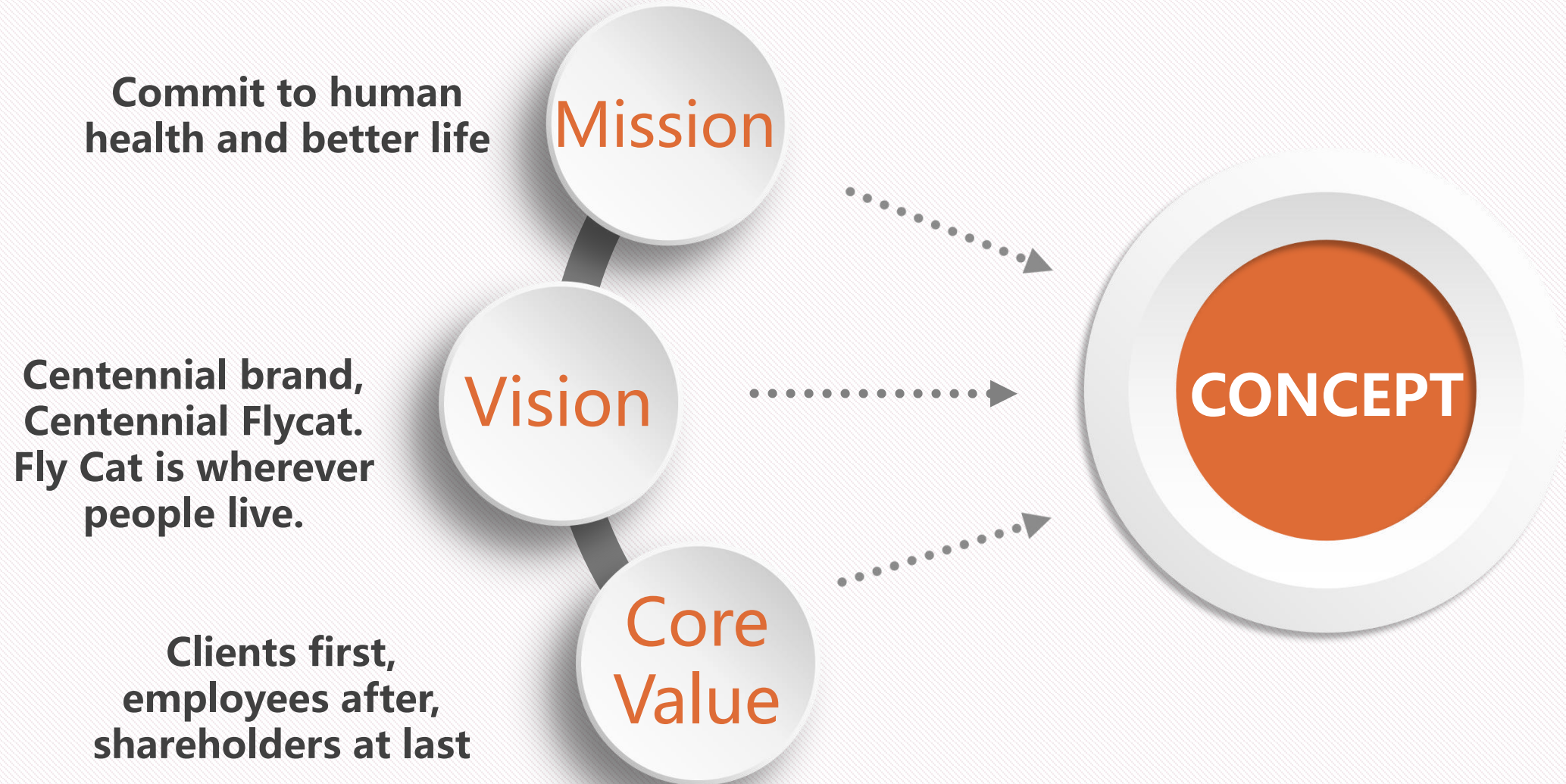


ORGANIZATIONAL STRUCTURE





CORPORATE CULTURE





TEAM INTRODUCTION



R&D TEAM

Equipped with structure, electronics, software, H&S, tooling, packaging, and sampling engineers. Providing customers with a one-stop solution including R&D, design, manufacturing, and customization.

MARKETING TEAM

Combined with departments of business development, customer relationship maintenance, after-sales, market research, and e-commerce. Adopt marketing 5.0 management, accurately analyze users' holograms with complete data and provide global customers with B2B and B2C cooperation modes.

PRODUCTION TEAM

Lean production management system, automation technology. From supply chain, warehousing, manufacturing to testing, full value stream provides customers with products of short lead time, high quality and favorable price.

QC TEAM

From supplier selection, internal R&D, raw materials, manufacturing process to quality inspection, and the entire process are all strictly controlled. From new product development to mass production, we ensure customers with high-quality products.





QUALIFICATION HONOR



QUALIFICATION HONOR



中华人民共和国医疗器械注册证

注册证编号：粤械注准 20172541314

注册人名称	深圳市菲尔医疗器械科技有限公司
注册人住所	深圳市宝安区沙井街道和裕社区共和工业园第四楼
生产地址	深圳市宝安区沙井街道和裕社区共和工业园第二、三、四、五楼
产品名称	洗鼻器
型号、规格	9118
结构及组成	由主机、水袋、喷嘴头和电源组成。
适用范围	适用于鼻腔冲洗。
附件	产品技术要求。
其他内容	无。
备注	

审批部门：广东省食品药品监督管理局
注册日期：2017年10月20日
有效期至：2022年10月20日

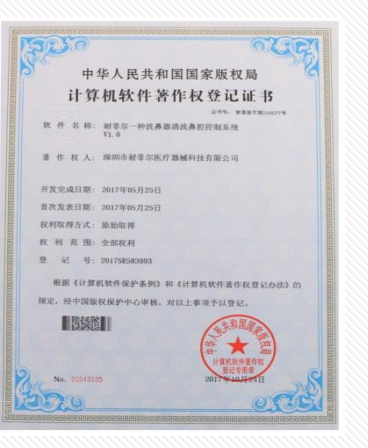
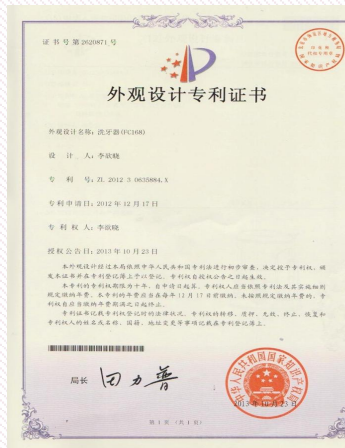
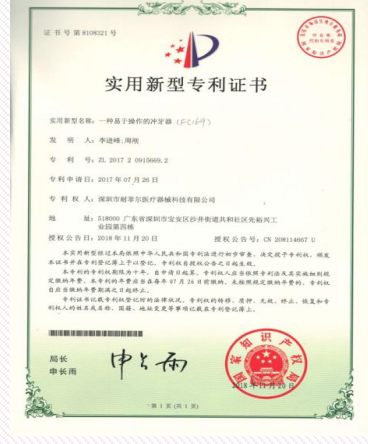
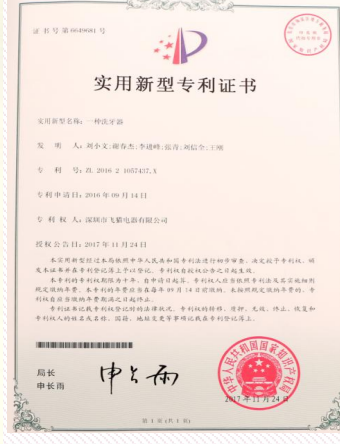
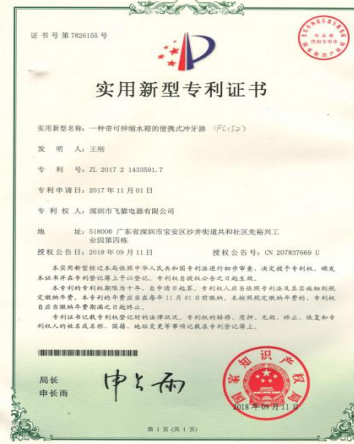
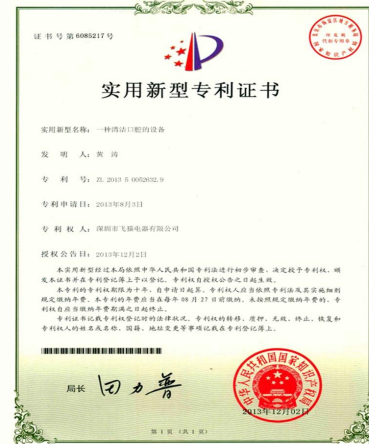




QUALIFICATION HONOR



PATENT DISPLAY



287 patents has been obtained, include **47** Invention patents, **118** New utility patents, **116** Appearance of product patents, **34** computer copyrights, and **4** PCT.





TECHNICAL CERTIFICATION

Test Report

Report No.: WT120H04016619C-2 Date: Apr. 15, 2020 Page 1 of 18

Applicant: SHENZHEN NICEFEEL MEDICAL DEVICE TECHNOLOGY CO.,LTD
Address: No.6 bldg, Xianyuxing industrial park, Gonghe community, Shajing, Bao'an Shenzhen, China

Sample Information:
Sample Name: ORAL IRRIGATOR
Sample Model: FC3680
Manufacturer Name: SHENZHEN NICEFEEL MEDICAL DEVICE TECHNOLOGY CO., LTD
Manufacturer Add: No.6 bldg, Xianyuxing industrial park, Gonghe community, Shajing, Bao'an Shenzhen, China.
Sample Received Date: Apr. 7, 2020
Testing Period: Apr. 7, 2020 - Apr. 15, 2020

Test Requested:
1.As specified by client, refer to EU Regulation (EC) No 1907/2006 (REACH), to screen Two hundred and five (205) Substances of Very High Concern (SVHC) in the sample. The list is the one that is published by European Chemicals Administration (ECHA) on January 16,2020.
2.As specified by client, to screen proposed Five(5) Substances of Very High Concern (SVHC) in the sample. The list is the one that is published by European Chemicals Administration (ECHA) on March 3, 2020.

Test Result: Please refer to following page(s).

Signed for and on behalf of HCT
Michael Huang
Michael Huang

Ozone Water REACH Report

Shenzhen Toby Technology CO.,Ltd.

1A/F, Bldg.6, Yusheng Industrial Zone, The National Road No.107
Xixiang Section 467, Xixiang, Bao'an, Shenzhen, Guangdong
Tel:0755-26506301 Fax:0755-26509195 www.tobyfab.cn

CERTIFICATE OF CONFORMITY

Certificate No.: TB191023240

Applicant : SHENZHEN FLYCAT ELECTRICAL CO.,LTD
Address : No.4 Bldg, Xianyuxing industrial park, Gonghe community, Shajing, Bao'an Shenzhen, China
Manufacturer : SHENZHEN FLYCAT ELECTRICAL CO.,LTD
Address : No.4 Bldg, Xianyuxing industrial park, Gonghe community, Shajing, Bao'an Shenzhen, China
Product : PORTABLE ORAL IRRIGATOR
Trade Mark : ---
Model(s) : FC2660

Test Standard(s):
EN 60529: 1991+A1: 2000+A2: 2013+AC: 2016.

The EUT described above has been tested in accordance with the relevant listed standard. This certificate is awarded following tests carried out on samples of the product referred to standard as above.
The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production. It is only valid in connection with the test report number: TB-FSC169426.

IPX7

Justin Zhang
Justin Zhang
(Manager)
Oct. 14, 2019

IPX7 Waterproof Certificate

证书号第 10896619 号

实用新型专利证书

实用新型名称: 一种通过高频无线电波信号进行遥控的冲牙器

发明人: 张青; 刘小文; 李进峰

专利号: ZL 2019 2 1420698.7

专利申请日: 2019年08月29日

专利权人: 深圳市耐菲尔医疗器械科技有限公司

地址: 518000 广东省深圳市宝安区沙井街道共和社区先裕兴工业园第四栋

授权公告日: 2020年07月03日 授权公告号: CN 210903445 D

国家知识产权局依照中华人民共和国专利法经过初步审查, 决定授予专利权, 颁发实用新型专利证书并在专利登记簿予以登记。专利权自授权公告之日起生效, 专利期限为十年, 自申请日起算。
专利证书记载专利权登记时的法律状况, 专利权的转移、质押、无效、终止、恢复和专利权人的姓名或名称、国籍、地址变更等事项记载在专利登记簿上。

局长 申长雨
申长雨

2020年07月03日

第 1 页 (共 2 页)

其他事项参见背面

Wireless Remote Control Handle Patent

Shenzhen Toby Technology CO.,Ltd.

1A/F, Bldg.6, Yusheng Industrial Zone, The National Road No.107
Xixiang Section 467, Xixiang, Bao'an, Shenzhen, Guangdong
Tel:0755-26506301 Fax:0755-26509195 www.tobyfab.cn

CERTIFICATE OF CONFORMITY

Certificate No.: TB191023237

Applicant : SHENZHEN FLYCAT ELECTRICAL CO., LTD.
Address : No.4 Bldg, Xianyuxing Industrial Park, Gonghe Community, Shajing, Bao'an, Shenzhen, China
Manufacturer : SHENZHEN FLYCAT ELECTRICAL CO., LTD.
Address : No.4 Bldg, Xianyuxing Industrial Park, Gonghe Community, Shajing, Bao'an, Shenzhen, China
Product : PORTABLE ORAL IRRIGATOR
Brand Name : ---
Model(s) : FC2660, DP-2700K, DP-2700G, DP-2700B, CLP-1000S, CLP-1000W, CLP-1000A

Test Standard(s):
EN 55014-1: 2006+A1: 2009+A2: 2011;
EN 55014-1: 2017;
EN 61000-3-2: 2014;
EN 61000-3-3: 2013;
EN 55014-2: 2015.

The EUT described above has been tested by us with the listed standards according to the Council Directive 2014/30/EU relating to electromagnetic compatibility, and found in compliance with all essential requirements of the Directive. It is possible to use CE marking to demonstrate the compliance with the EMC Directive.
The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production. It is only valid in connection with the test report number: TB-EMC169422.

CE

Justin Zhang
Justin Zhang
(Manager)
Oct. 14, 2019

CE certification



KEY PARTNERSHIP

Our main partners include JD, Lamborghini, HUAWEI, Apiyoo, Dr.Bei, NetEase, Unilever, Yunnan Baiyao, Darlie, Haier, BLAUPUNKT, Nio, Usmile, Midea, Andon, etc.





STATUS ANALYSIS



R&D DIRECTION

Our Oral Irrigator

1. The patented module improves efficiency, performance, and life and optimizes the internal layout effectively
2. Diversified water including ozone water, hydrogen-rich water, negative ion water, warm water, etc. to eliminate bad breath, inflammation, allergies, and other oral problems
3. Diversified structure form of the nozzle to enhance the user experience

Featured Product: Oral Irrigator, Nasal Irrigator

Take care of your oral and nasal health

Research & Scientific Practice

1. In cooperation with Sichuan University, our water flosser with the ozone technique has been proven to remove plaque and eliminate inflammation to inhibit the growth of oral bacteria through a large number of clinical trials
2. Products with patents are subjected to multiple life tests, abnormalities tests, and extreme fatigue tests in our laboratory or through third-party organizations

Our Nasal Irrigator

1. Diversified features for the nasal irrigator to meet the sense of experience
2. Diversified structure form of the nozzle to enhance the user experience
3. Generate hypochlorite water, ozone water, hydrogen-rich water, bubble water, etc., to relieve or treat various nasal symptoms





DEVELOPMENT HISTORY

Technology Breakthrough

Reflux System

- ①Standardized the fourth generation of piston pump with upgraded module reflux technology
- ②Ozone technology development
- ③Wireless remote control handle
- ④Adjustable water pressure range

- ①The fifth generation of piston pump with original technology
- ②Upgraded diaphragm pump, average water pressure up to 12g
- ③Pull-out water tank; the world's first metal-cased water flosser
- ④Innovative nozzle with different functions for portable product
- ⑤Innovative nozzle with different functions for stationary product
- ⑥Combination of water flosser and electrical toothbrush
- ⑦Gearless water pressure technology for stationary product
- ⑧Gearless water pressure technology for portable product
- ⑨Mini Program, step towards 5G technology

Water Pressure Upgrading

- ①Third-generation piston pump
- ②Magnetic charging

2019

2020

Application of Ozone Technology

- ①Adopt ultrasonic process to connect the body and the bottom cover to reduce the cost and upgrade the product
- ②Standardized ozone technology for portable product
- ③Standardized ozone technology for stationary product
- ④Standardized the first generation of diaphragm pump technology
- ⑤Remote control handle upgrade to generation two

2024

Multi-dimensional Development

- ①Breakthrough the module technology to create the core value
- ②step towards 5G technology
- ③Continue to dig into the nasal irrigator, and upgrade existing models of Class II medical certification
- ④Build a laboratory and increase Class II medical self-testing equipment for nasal irrigator
- ⑤Increase the product line of the oral category to achieve multi-category

2025





DEVELOPMENT HISTORY

Age of Intelligence

2021~2022

- ①The fifth generation of piston pump with original technology
- ②Upgraded diaphragm pump, average water pressure up to 12g
- ③Innovative nozzle with different functions for portable product
- ④Innovative nozzle with different functions for stationary product
- ⑤Gearless water pressure technology for stationary products, and the average water pressure reaches 160 psi
- ⑥Gearless water pressure technology for portable products, and the average water pressure reaches 120 psi
- ⑦Mini Program, step towards 5G technology
- ⑧Combine ozone technology and bad breath test; enhance the HCI experience.

Electronic Module

- ①Upgrade the second and third generation of piston pumps' waterproof and water pressure performance
- ②smart OLED display
- ③Wireless remote control handle
- ④Adjustable water pressure range
- ⑤First generation of nasal irrigator



2019~2020

New Technology

- ①Standardized the fourth generation of piston pump with upgraded module reflux technology
- ②Standardized ozone technology for portable product
- ③Standardized ozone technology for stationary product
- ④Standardized the first generation of diaphragm pump technology
- ⑤Adopt ultrasonic process to connect the body and the bottom cover to reduce the cost and upgrade the product



Mechanical Module

- ①Exploring technologies
- ②Standardized the first-generation piston pump technology
- ③Technology standardization:
Lifespan: up to 2190 cycles
Level of noises ≤72db
Pressure range: 30-100psi

2012~2016



2017~2018

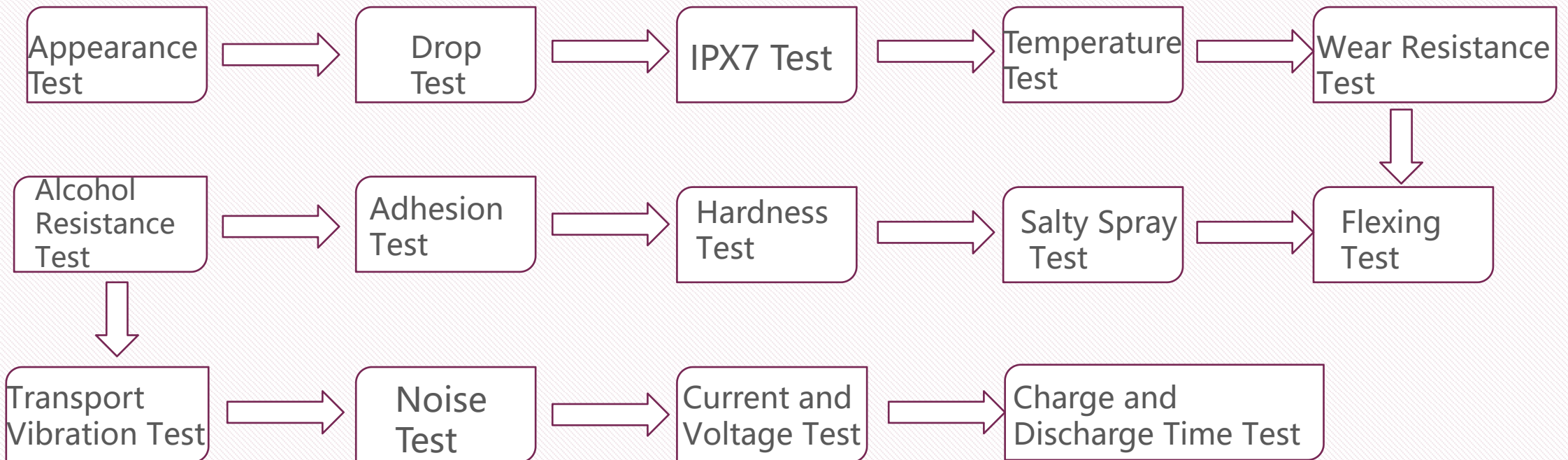




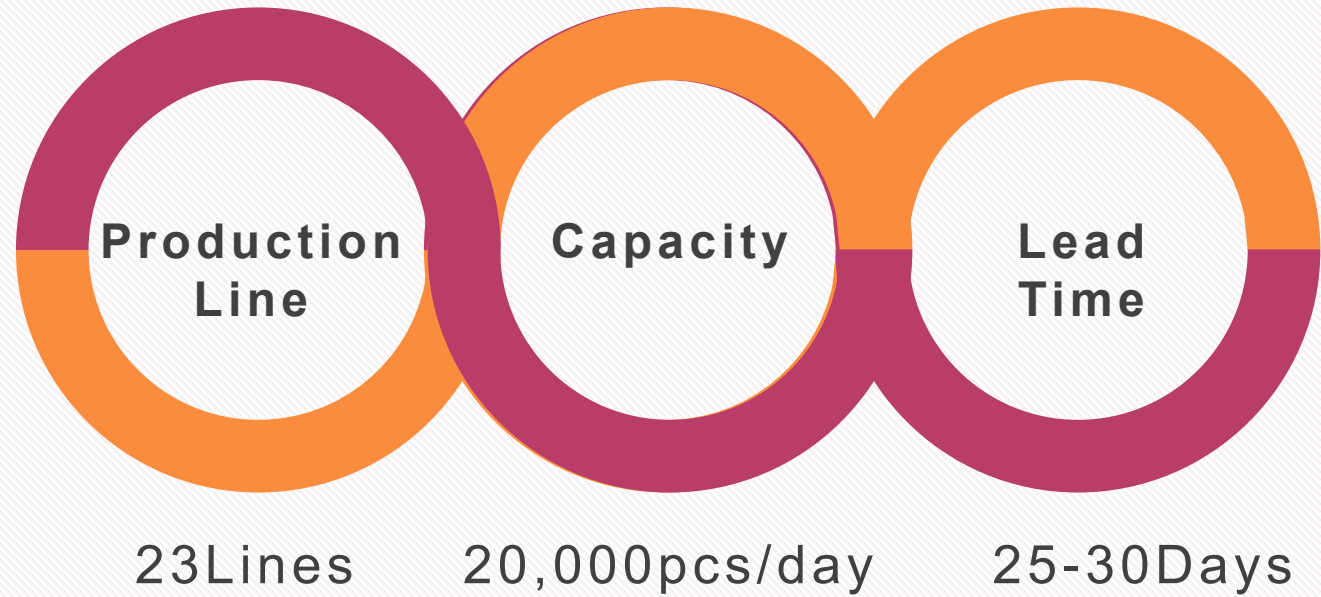
QUALITY CONTROL

1. We will take full responsibility for the quality of products by controlling the selection of suppliers, internal research, incoming materials, manufacturing processes, and inspection.

2. Each product must complete 63 tests before market launch, including 18 appearance inspections, 24 functional tests, and 21 reliability tests, such as drop test, IPX7, high-low temperature cycle test, wear resistance test, adhesion test, hardness test, salty spray test, flexing test, transport vibration test, noise test, impact force test, current and voltage test, charge and discharge time test, button lifetime test, motor lifetime test, PCBA lifetime test, nozzle plug and pull lifetime test, etc.



CAPACITY & LEAD TIME





TEAM SPIRIT





TEAM SPIRIT





GLOBAL EXHIBITION

1 CHINA BEYOND

2 JAPAN キフト・ショー

3 AFRICA GITEX GLOBAL

4 EUROPE

5 SOUTH AMERICA es

6 USA CES



FUTURE PROSPECT



FUTURE PROSPECT

Item	2021	2022	2023	Total	Note
Patents	69	47	7	268	Invention, New utinit, Function, Apperance
Sales Volume	3.6 million	4 million	10 million	30.06 million	Overseas: 76% China: 24%
Amount of Sales	300 million	350 million	500 million	1.5 billion	Annual Growth Rate: 4.7% (for the whole Industry)
Global Share (Predicted)	8%	10%	12%	15%+	Top one in the World





FUTURE PROSPECT

Fundamental Period:

Create health products and build self-brand. The output doubles every year compared with the previous year; the first five-year plan has been completed



Transformation:


Continue product innovation, sales volume exceeds 10 million. Amount of sales surpasses 1 billion, and complete IPO.

Promoting Development:

Create high-tech products; triple output value than the first five-year plan; rank No. 1 in the global process field with a global market share of 13%.

Repay Society:

Focus on the big health industry, lay out the nasal irrigator market, create big health products and platforms, double tax payment, and benefit humankind.

A sailboat is visible on the left side of the image, sailing on the ocean. The background shows a sunset or sunrise over the water, with a gradient from blue to orange. A semi-transparent dark blue horizontal band is overlaid across the middle of the image, containing white text.

Fly Cat looks forward to working with companies with a vision to build a world-class oral care brand. We sincerely hope to achieve win-win cooperation and create a bright future with you.

THANKS