Countertop Water Purifier

Applicable Scene:

- Office
- Kitchen
- Washing Room
- Living Room
- Reception Hall
- Hotel
- Other service industries
- Etc..

Features:

- Intelligent touch control panel
- Smart filter life reminder
- Optional Strontium Water Filter
- Effectiveness : Effective filtration of bacteria, colloids, insect eggs, algae, rust, plankton, microorganisms, residual chlorine; eliminate bad odors and color, taste improvement, heavy metal, limescale.
- Certified : Meet MA certification standard, national CPC certification, NSF and FDA quality requirements.
- Sterilization :The water tank uses **UVC** to sterilize in real time, and the sterilization rate is over 99%.

Specifications:

- Filter: Combination、RO、carbon rod
- Flow: **2 L/MIN**
- Capacity: 2000 L
- Working temperature:　5～38 ° C
- Working pressure: 0.1～0.4 MPA
- Power: 220V/50Hz
- Demension：197mm(L)*363mm(W)*402mm(H)
- Filter using life : Suggested replacement period is

  C.F. Filter -- 6-12 months

  R.O. Filter -- 18-24 months

Easy to use

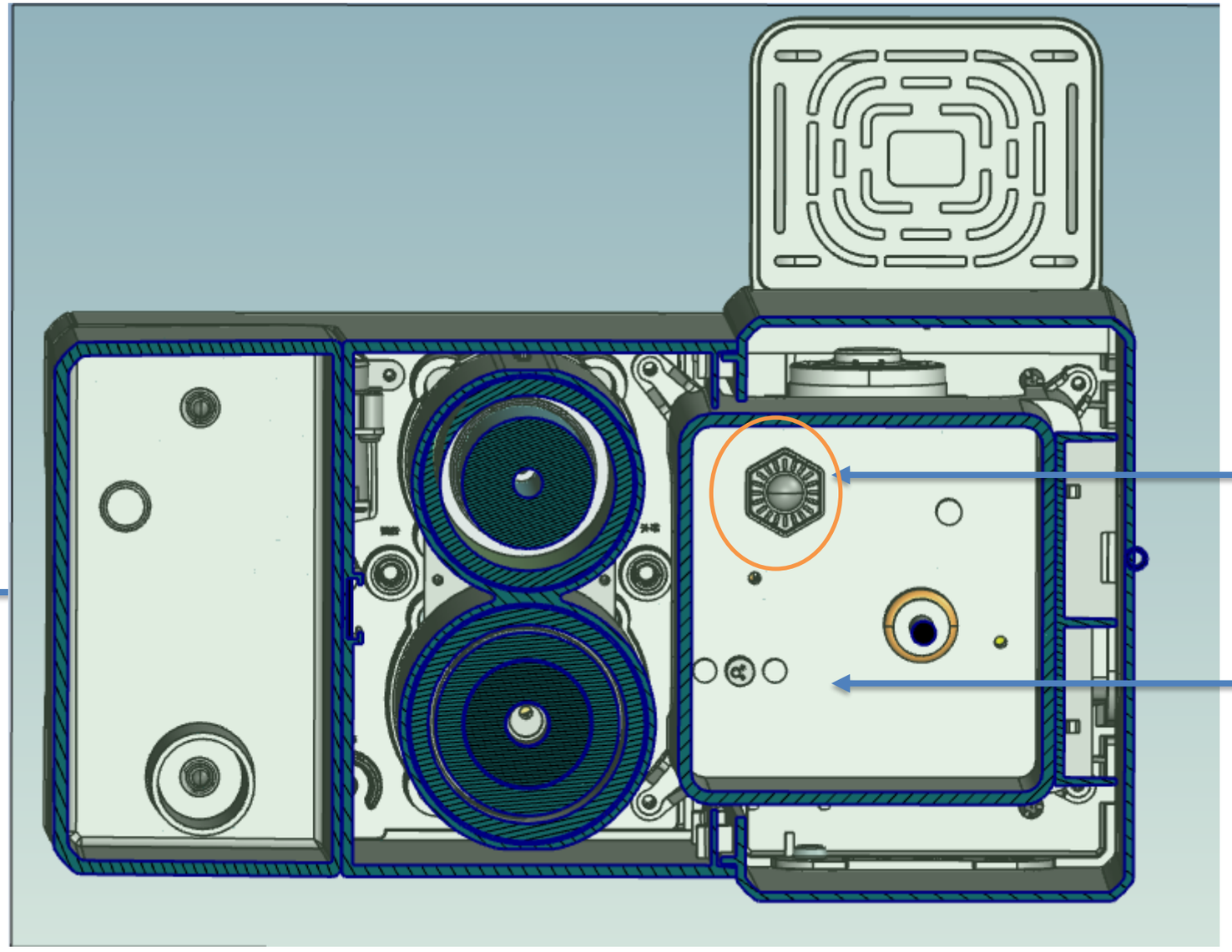
Removable Cup Holder

Removable Water Tank

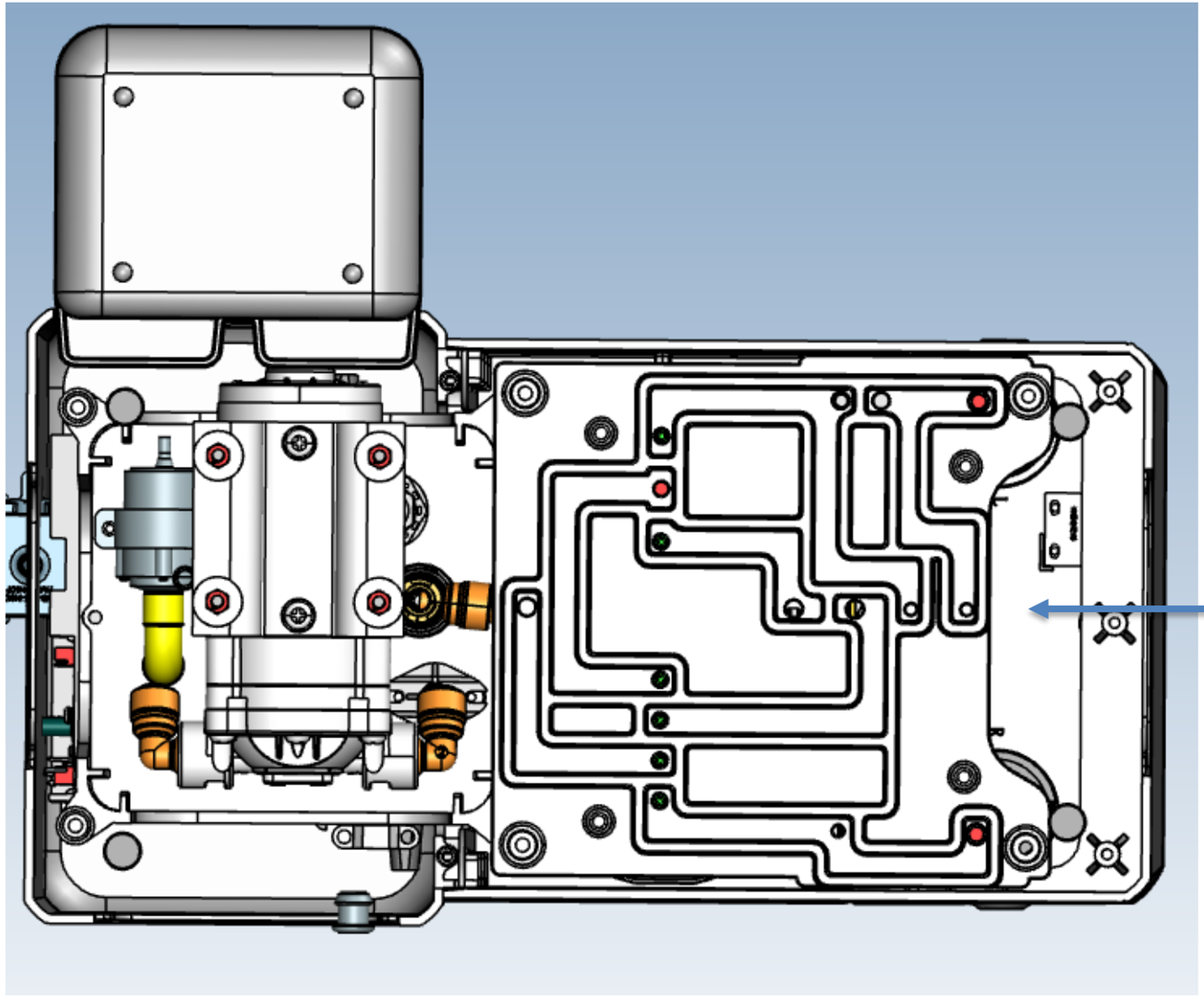
3 seconds to change the filter.

Expanded View

Dual Water tank design to increase the flow to 2 L/MIN With UVC to kill the virus



Structure Chart



Integrated waterway to avoid leakage, low defective rate

R&D Testing Q1-Q2

- **Appearance evaluation**

  Q.1.1 Appearance defect assessment

  Q.1.2 Adhesion test

  Q.1.3 Alcohol resistance test

  Q.1.4 Spray paint adhesion test

- **Structure evaluation**

  Q.2.1 Tilt detection

  Q.2.2 Screw torque test

  Q.2.3 Disassembly analysis

  Q.2.4 Power cord length test

  Q.2.5 Machine down test

  Q.2.6 Jitter test

  Q.2.7 Button reliability test

  Q.2.8 Filter element disassembly and assembly

  Q.2.9 Foot pad flatness test

  Q.2.10 Bare metal drop test

  Q.2.11 Water tank handle load-bearing test

  Q.2.12 Water tank leak test

  Q.2.13 Water tank capacity

  Q.2.14 Filter cover opening and closing test

  Q.2.15 Water tank removal test

  Q.2.16 Inner water tank lack of water and full water protection inspection

  Q.2.17 Internal process evaluation

R&D Testing Q3-Q4

- **Function/performance check**

  Q.3.1 Power/current test

  Q.3.2 Electronic control specification check

  Q.3.3 Noise test

  Q.3.4 Low voltage start test

  Q.3.5 High temperature and humidity running test

  Q.3.6 Low temperature running test

  Q.3.7 Low voltage aging test

  Q.3.8 Rated voltage aging test

  Q.3.9High pressure aging test

  Q.3.10 Product power test

  Q.3.11(Component) Salt spray test

  Q.3.12 Power board/panel high temperature and high humidity

  Q.3.13 Thermal shock

  Q.3.14 TDS accuracy

  Q.3.15 Aging observation

- **Water quality inspection**

  Q.4.1 Black water output

  Q.4.2 Visible

  Q.4.3 Taste/smell

  Q.4.4 Taste

  Q.4.5 Purified water flow

  Q.4.6 Desalination rate

  Q.4.7 Residual chlorine

  Q.4.8 Other water quality items

R&D Testing Q5-Q6

- **Packaging reliability test**

  Q.5.1 Vibration test

  Q.5.2 Drop test

  Q.5.3 Pressure box test

  Q.5.4 Barcode recognition level test for inner and outer boxes

  Q.5.5 High temperature storage test

  Q.5.6 Low temperature storage test

  Q.5.7 Seven-day packaging reliability verification

- **Safety test**

  Q.6.1 Power cord tension test

  Q.6.2 Polarity test

  Q.6.3 Pressure test

  Q.6.4 Temperature rise test

  Q.6.5 EMC test

  Q.6.6 Pull test of small parts

  Q.6.7 Static pressure

  Q.6.8 Water hammer or circulation

R&D Testing Q7-Q9

- **Special inspection**

  Q.7.1 Product boost test

  Q.7.2 Rubber base trace test

  Q.7.3 Plastic parts aging test

- **Life test**

  Q.9.1 Product life

  Q.9.2 (RO) membrane flux test

- **Consumer evaluation**

  Q.8.1 Abnormal sound test

  Q.8.2 Cleaning test

  Q.8.3 User experience test