

## Technical Parameters

Item	Order No.	TQX-50BH	TQX-100AH	TQX-150AH	TQX-200BH	TQX-300BH	TQX-300DH	TQX-300DH-A
Ultrasonic frequency(KHz)		40	40	40	40	40	40/80	40/80
Ultrasonic power(W)		100	200	300	400	600	600	600
Ultrasonic timing(min)		0~30	0~30	0~30	0~99	0~99	0~99	0~99
Tank size(L×W×H)mm		240×136×150	300×240×150	330×300×150	495×295×150	495×295×200	495×295×200	495×295×200
Overall dimensions (L×W×H) mm		270×160×310	330×270×310	360×320×310	540×330×310	540×330×360	600×490×390	600×480×450
Heating power(W)		200	400	400	600	600	600	600
Temperature control(°C)		RT~60	RT~60	RT~60	RT~60	RT~60	RT~60	RT~60
Drain		✓	✓	✓	✓	✓	✓	✓
Cover		✓	✓	✓	✓	✓	✓	✓
Mesh basket		✓	✓	✓	✓	✓	✓	✓
Power supply		Single-phase AC200-240V 50Hz						



# TQX

## Mini Ultrasonic Cleaner

**SHINVA 新华医疗**

— Since 1943



# TQX Mini Ultrasonic Cleaner



TQX-50BH  
TQX-100AH  
TQX-150AH



TQX-200BH  
TQX-300BH



TQX-300DH Variable frequency cleaning



TQX-300DH-A Door-open state



TQX-300DH-A Door-closed state

- Variable frequency cleaning
- Automatic lifting of baskets with the door, reducing labor intensity
- Top door auto-turning, convenient to take and put the basket out
- Anti-pinch hand protection function



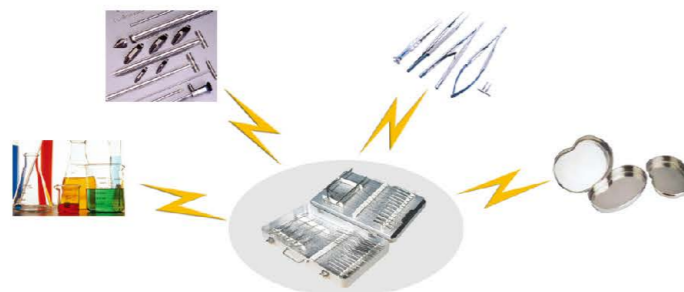
## Working Principle

Mini Ultrasonic Cleaner transforms the high-frequency oscillation signal issued by ultrasonic generator into high-frequency mechanical oscillation propagation through the transducer to spread the ultrasonic medium--cleaning solution. Ultrasound radiates in the solution of sparse and dense forward, so that the liquid flow and produce tens of thousands of tiny bubbles, these bubbles form and growth in the formation of ultrasonic longitudinal propagation of negative pressure zone, and rapid closure in the positive pressure zone, this process is called "cavitation" effect. In this process, the bubble closure can form more than 1000 air pressure instant high pressure, continuous formation of high pressure is like a series of small "explosion" constantly impact the surface of the object, they work in all directions, attack and invade every groove and opening, so that the dirt in object surface and crevices quickly peeled off, so as to achieve the purpose of object surface cleaning.



## Application

Shinva Mini Ultrasonic Cleaner is suitable for the cleaning process of surgical instruments in the departments of stomatology, ophthalmology, testing and operation rooms of hospitals, and also for the cleaning of some utensils and equipment in the laboratory field.



## Features

- Fully-function:** Adjustable time ultrasonic cleaning, adjustable temperature heating function
- Fully-specifications:** 5 volume specifications from 5L to 30L , to meet the needs of various industries
- Processing technology:** the main body using 304 stainless steel plate one-time stamping molding, no welding points, the operating panel using injection molding process, beautiful and stylish
- Safety protection:** over-current, overload protection, anti-dry burn protection, anti-pinch protection (Auto-door models)
- Temperature detection:** using PT100 temperature sensor, control temperature difference is less than 1 °C



Knob operation, convenient and simple



Digital display, accurate and correct



The basket is made of 304 stainless steel wire mesh and reinforced round steel welded around, solid and reliable; the bottom is installed with cushioning silicone pad to prevent direct contact with the vibrating surface, protecting the main body and internal equipment.