# **BRANSON**

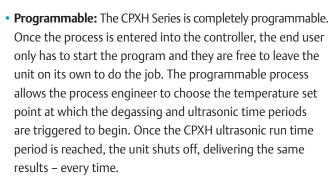
## **Bransonic® CPXH Ultrasonic Baths**

### **General Description**

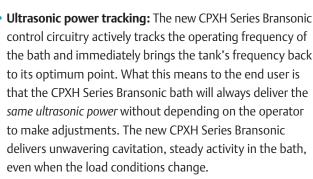
Bransonic CPXH heated ultrasonic baths are the most technologically advanced ultrasonic baths available. With programmable features, digital operation with power tracking capabilities to adjust for light or heavy loads, high/low power control, degassing and sleep mode, the CPXH is the most versatile system available.

### The CPXH baths offer the following features:

- Sweep frequency eliminates standing waves and creates consistent cavitation throughout the tank.
- 40 kHz rugged industrial transducers.
- 99-minute digital timer and continuous ultrasonic operation.
- Can be heated up to 69°C/156.2°F and set for either Fahrenheit or Celsius.
- Degassing and conditioning the solution: The CPXH degassing period can be set up to 99 minutes. Extended degas time periods allow for "beyond cleaning" applications such as sample preparation, which includes degassing liquids, mixing and homogenization, dissolving solids, cell lysing, and dispersion of particles.
- Ultrasonic power tracking: The new CPXH Series Bransonic to its optimum point. What this means to the end user is same ultrasonic power without depending on the operator to make adjustments. The new CPXH Series Bransonic delivers unwavering cavitation, steady activity in the bath,



- Automatic ultrasonic activation: When the process temperature reaches the programmable set point, the ultrasonic cycle begins. This includes selectable times for both degas and ultrasonic processing.
- **High/low power control:** When cleaning delicate parts, the CPXH allows the user to lower the amplitude of the acoustic energy in the bath: 100% power to the tank for normal applications, 70% power for delicate applications. Manipulating the output waveform in this manner greatly helps to avoid damage to the components in the bath during the ultrasonic process.



Consult with your Branson representative about the Bransonic accessories and solution best suited for your application needs. Visit us at www.Bransonic.com





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- Sleep mode: An energy-saving green feature. When the
  cycle is complete and no control keys are touched for 15
  minutes, the CPXH unit goes into sleep mode. Touching
  any key on the controller causes the unit to come back on.
- High-temp safety alarm indicator for protection from unit overheating.
- Temperature calibration is user accessible through front panel.
- Controls are located above and behind the cleaning tank in an easily accessible control tower panel, and raised above the tank to avoid damage from cleaning solutions.
- Convenient built-in pour drains are featured on .5- and .75gallon models. Tank drains with valves are incorporated on models 1.5-gallon and larger.
- Plastic body, chemical-resistant.

## **CPXH Series** (Digital timer with heat)

Ordering Part No.	Voltage	Model 1800	Model 2800	Model 3800	Model 5800	Model 8800
	120 V	CPX1800H	CPX2800H	CPX3800H	CPX5800H	CPX8800H
Part No.		CPX-952-118R	CPX-952-218R	CPX-952-318R	CPX-952-518R	CPX-952-818R
	230/240 V	CPX1800H-E	CPX2800H-E	CPX3800H-E	CPX5800H-E	CPX8800H-E
Part No.		CPX-952-138R	CPX-952-238R	CPX-952-338R	CPX-952-538R	CPX-952-838R

## **Specifications**

	Model 1800	Model 2800	Model 3800	Model 5800	Model 8800
Tank Capacity					
Liters/Gallons	1.9/0.5	2.8/0.75	5.7/1.5	9.5/2.5	20.8/5.5
Tank Size (L/W/D)					
Inches	6 x 5.5 x 4	9.5 x 5.5 x 4	11.5 x 6 x 6	11.5 x 9.5 x 6	19.5 x 11.5 x 6
mm	150 x 140 x 100	230 x 140 x 100	290 x 150 x 150	290 x 240 x 150	495 x 290 x 150
Overall Size (L/W/D)					
Inches	9.9 x 12 x 11.9	13.3 x 12 x 11.9	15.6 x 12.5 x 14.8	15.6 x 15.8 x 14.9	23.5 x 18.3 x 15.4
mm	251 x 304 x 302	337 x 304 x 302	397 x 317 x 377	397 x 401 x 378	596 x 466 x 391
Weight					
Pounds/Kilograms	7/3.2	9/4.1	12/5.4	14/6.4	26/11.8
Frequency	40 kHz	40 kHz	40 kHz	40 kHz	40 kHz
Drain	No	No	Yes	Yes	Yes

NOTE: Tank cover included. For optimum cleaning results, Branson offers a line of accessories including perforated trays, solid trays, beaker covers and support racks for your application needs.

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