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Bransonic[®] CPX 8800H Ultrasonic Bath

General Description

Bransonic CPXH heated ultrasonic baths are the most technologically advanced ultrasonic baths available. With programmable features, digital operation with power racking capabilities to adjust for light or heavy loads, high/low power control and degassing. 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 control circuitry actively tracks the operating frequency of the bath and immediately brings the tank’s frequency back to its optimum point. What this means to the end user is that the CPXH Series Bransonic bath will always deliver the same ultrasonic power without depending on the operator to make adjustments. The new CPXH Series Bransonic delivers unwavering cavitation, steady activity in the bath, even when the load conditions change.
 - **Programmable:** The CPXH Series is completely programmable. Once the process is entered into the controller, the end user only has to start the program and they are free to leave the unit on its own to do the job. The programmable process allows the process engineer to choose the temperature set point at which the degassing and ultrasonic time periods are triggered to begin. Once the CPXH ultrasonic run time period is reached, the unit shuts off, delivering the same results – every time.
 - **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.
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- 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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- 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.
- Last stored parameters are recalled when unit is turned back on.
- Continuous Time Mode for unlimited ultrasonic time
- Temperature calibration is user accessible through front panel.
- High-temp safety alarm indicator for protection from unit overheating.
- Tank drain with valve
- Plastic body, chemical-resistant

CPXH Series (Digital timer with heat)

Ordering Part No.	Voltage	Model 8800
	230/240V	CPX8800H
Part No.		CPX-952-838R

Specifications

	Model 8800
Tank Capacity in Liters	20
Tank Size (L/W/D) in mm	495 x 290 x 150
Overall Size (L/W/D) in mm	596 x 466 x 391
Frequency	40 kHz
Max Power requirements (Watts)	930
Heating Power (Watts/230V)	580
Drain	yes
Shipping Weight in kg	20

Accessories

	Ordering Part No.
Solid tray	100-410-178
Perforated Tray	100-410-168
Mesh-wire baskets	000-019-829
Beaker cover (6x600mL)	CPN-246-014
Beaker 600mL, Glas	000-140-004
O-ring beaker glas	000-583-710
Support rack	CPN-916-043



Note: Tank cover included. For optimum cleaning results, Branson offers a line of accessories.

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All specifications subject to change without notice. All dimensions are nominal. All ultrasonic baths meet FCC, CSA, CE & UL rules and regulations. Standard two year warranty.

