

## Bransonic® M and MH Ultrasonic Baths

### General Description

Bransonic M and MH Series cleaners are known for offering a level of precision and reliability you have come to expect from Branson.

- M Series includes 60-minute mechanical timer and continuous operation.
- MH Series includes 60-minute mechanical timer and continuous operation with heating capability.

### M and MH Series cleaners offer the following features:

- Sweep frequency eliminates standing waves and creates consistent cavitation throughout the tank.
- 40 kHz rugged industrial transducers.
- 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 .75-gallon models. Tank drains with valves are incorporated on models 1.5-gallon and larger.
- Plastic body, chemical-resistant.

Consult with your Branson representative about the Bransonic accessories and solution best suited for your application needs.



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**M Series (Mechanical timer)**

Ordering Part No.	Voltage	Model 1800	Model 2800	Model 3800	Model 5800	Model 8800
	120 V	M1800	M2800	M3800	M5800	M8800
Part No.		CPX-952-116R	CPX-952-216R	CPX-952-316R	CPX-952-516R	CPX-952-816R
	230/240 V	M1800-E	M2800-E	M3800-E	M5800-E	M8800-E
Part No.		CPX-952-136R	CPX-952-236R	CPX-952-336R	CPX-952-536R	CPX-952-836R

**MH Series (Mechanical timer with heater)**

Ordering Part No.	Voltage	Model 1800	Model 2800	Model 3800	Model 5800	Model 8800
	120 V	M1800H	M2800H	M3800H	M5800H	M8800H
Part No.		CPX-952-117R	CPX-952-217R	CPX-952-317R	CPX-952-517R	CPX-952-817R
	230/240 V	M1800H-E	M2800H-E	M3800H-E	M5800H-E	M8800H-E
Part No.		CPX-952-137R	CPX-952-237R	CPX-952-337R	CPX-952-537R	CPX-952-837R

**Specifications**

	Model 1800	Model 2800	Model 3800	Model 5800	Model 8800
<b>Tank Capacity</b>					
Liters/Gallons	1.9/0.5	2.8/0.75	5.7/1.5	9.5/2.5	20.8/5.5
<b>Tank Size (L/W/D)</b>					
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
<b>Overall Size (L/W/D)</b>					
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
<b>Weight</b>					
Pounds/Kilograms	7/3.2	9/4.1	12/5.4	14/6.4	26/11.8
<b>Frequency</b>					
	40 kHz	40 kHz	40 kHz	40 kHz	40 kHz
<b>Drain</b>					
	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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## Bransonic® Ultrasonic Cleaning Bath Accessories

### General Description

Bransonic accessories are designed to maximize the effectiveness of your Bransonic baths. It is important that parts do not rest on the bottom of the bath, as it can inhibit the ultrasonic activity and possibly damage the unit.

A variety of perforated trays, mesh baskets, beakers, and support racks give you the option of direct or indirect cleaning. All five models come with covers to allow the cleaning bath to heat up more quickly.

### Direct Cleaning Method

- Suspends parts using a perforated tray, mesh basket, or a support rack.
- Permits sound waves to penetrate directly to the parts.

### Indirect Cleaning Method

- Suspends parts using a solid tray, or beakers with a beaker cover.
- Ideal for cleaning small parts.
- Discarded soil cleans easily from a beaker or solid tray.
- Indirect method is ideal for sample preparation.

Consult with your Branson representative about the Bransonic accessories and solution best suited for your application needs.



### Additional Features

- Perforated trays, solid insert trays, and wire mesh baskets have built-in handles specially designed to prevent accessories from touching the tank bottom.
- Support racks allow total volume of the tank to be used while keeping parts, fixtures, or containers about ½" above the tank bottom.
- Support racks also are useful as countertop drain racks, holding parts above the countertop surface.

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**Bransonic Accessories – Order using part numbers listed under model numbers**

	Ordering Part No.	Model 1800	Model 2800	Model 3800	Model 5800	Model 8800
	<b>Cover</b> (Supplied with Unit)	100-032-515	100-032-517	100-032-519	100-032-510	000-917-050 (SS)
	<b>Perforated Tray</b>	100-410-160	100-410-162	100-410-164	100-410-166	100-410-168
	<b>Mesh Basket</b>	100-916-333	100-916-334	100-916-335	—	—
	<b>Solid Insert Tray</b>	100-410-170	100-410-172	100-410-174	100-410-176	100-410-178
	<b>Beaker Positioning Cover</b>	(1x600 ml) 100-032-516	(2x600 ml) 100-032-518  (2x250 ml) 100-032-527	(3x250 ml) 100-032-528  (2x600 ml) 100-032-520	(4x600 ml) 100-032-511	(6x600 ml) CPN-246-014 (SS)
	<b>Support Racks</b>	CPN-916-039	CPN-916-040	CPN-916-041	CPN-916-042	CPN-916-043
	<b>Beakers</b> (All Models)	250 ml Glass 000-140-001	400 ml PP 000-265-061	600 ml Glass 000-140-004	600 ml SS 000-410-055	—

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## Bransonic® CPX Ultrasonic Baths

### General Description

Bransonic CPX ultrasonic baths feature digital controls with power tracking capabilities to adjust for light or heavy loads, high/low power control, degassing and sleep mode.

### The CPX 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 with continuous ultrasonic operation.
- Last stored parameters are recalled when unit is turned back on.
- **Constant activity/power tracking** automatically maintains the ultrasonic power by adjusting for changes in liquid level and temperature caused by a light or heavy load. This helps ensure more uniform cleaning and consistent performance, even with multiple users or when bath conditions change.
- **Degassing and conditioning the solution:** The CPX 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.
- **High/low power control:** When cleaning delicate parts, the CPX 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.
- 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 .75-gallon models. Tank drains with valves are incorporated on models 1.5-gallon and larger.
- Plastic body, chemical-resistant.



Consult with your Branson representative about the Bransonic accessories and solution best suited for your application needs. Visit us at [www.Bransonic.com](http://www.Bransonic.com)

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## CPX Series (Digital timer)

Ordering Part No.	Voltage	Model 1800	Model 2800	Model 3800	Model 5800	Model 8800
	120 V	CPX1800	CPX2800	CPX3800	CPX5800	CPX8800
Part No.		CPX-952-119R	CPX-952-219R	CPX-952-319R	CPX-952-519R	CPX-952-819R
	230/240 V	CPX1800-E	CPX2800-E	CPX3800-E	CPX5800-E	CPX8800-E
Part No.		CPX-952-139R	CPX-952-239R	CPX-952-339R	CPX-952-539R	CPX-952-839R

## Specifications

	Model 1800	Model 2800	Model 3800	Model 5800	Model 8800
<b>Tank Capacity</b>					
Liters/Gallons	1.9/0.5	2.8/0.75	5.7/1.5	9.5/2.5	20.8/5.5
<b>Tank Size (L/W/D)</b>					
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
<b>Overall Size (L/W/D)</b>					
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
<b>Weight</b>					
Pounds/Kilograms	7/3.2	9/4.1	12/5.4	14/6.4	26/11.8
<b>Frequency</b>					
	40 kHz	40 kHz	40 kHz	40 kHz	40 kHz
<b>Drain</b>					
	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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