

Ultrasonic baths

Ultrasonic baths, DU series, heated

Clifton Range®

Comprising of a stainless steel tank housed in a durable paint finished outer case. The addition of heaters on this range ensures that optimum operating temperature for maximum ultrasonic efficiency is reached rapidly. Variable temperature control up to 69°C, clear digital display and easy to clean. Electrical supply 230 Volts. Manufacturers 3 year warranty. Accessory lids have insulated handles.

Technical Specifications

Code	DU-4	DU-8	DU-14	DU-22
Internal Dims, mm	300x150x150	300x240x150	325x300x150	500x300x150
External Dims, mm	332x185x290	332x270x240	361x332x290	535x537x290
Capacity, litres	4	8	14	22
Power Output	280 Watts	600 Watts	800 Watts	1200 Watts
Modulation Hz	50 – 100	50 – 100	50 – 100	50 – 100
Operating Freq., kHz	30 – 40	30 – 40	30 – 40	30 – 40
Transducers	3 PZT	4 PZT	4 PZT	6 PZT
Power Consumption	300W	550W	600W	900W
Heater, Watts	200W	200W	400W	600W

Cat. No.	Code	Description
UB/85102	DU-4	4 litre heated ultrasonic bath
UB/85104	DU-8	8 litre heated ultrasonic bath
UB/85106	DU-14	14 litre heated ultrasonic bath
UB/85108	DU-22	22 litre heated ultrasonic bath
Accessories		
UB/85110	BSK-4	Stainless steel basket for DU-4
UB/85112	BSK-8	Stainless steel basket for DU-8
UB/85114	BSK-14	Stainless steel basket for DU-14
UB/85116	BSK-22	Stainless steel basket for DU-22
UB/85118	LD-4	Stainless steel basket for DU-4
UB/85120	LD-8	Stainless steel basket for DU-8
UB/85122	LD-14	Stainless steel basket for DU-14
UB/85124	LD-22	Stainless steel basket for DU-22



UB/85106 with UB/85122

Branson Mechanical and Digital Ultrasonic baths

Ultrasonic baths with the ability to handle a wide variety of applications. This technology uses ultrasonic energy (40 kHz) in the form of sound waves to create millions of microscopic vacuum cavities in the solution. As these cavities collapse, they release high frequency energy, loosening dirt on all surfaces that the solution touches. This activity, called cavitation, occurs thousands of times per second to gently yet thoroughly scrub contamination off the article being cleaned. Typical applications include laboratory glassware, instrument parts, small geological samples, metal and plastic machined parts, small electrical/electronic components, recorder and drafting pens, optical components and jewellery. Electrical supply 230V, 50-60kHz.

Ultrasonic bath, model 200

With automatic timer, complete with lid and basket

Technical Specifications

Model	Bransonic 200
Capacity, litres	0.5
Dimensions, Ext/Int (WxDxH), mm	225 x 115 x 122 / 170 x 90 x 50
Weight, Kg	1.4
Timer, mins	5

Cat. No.	Code	Description
UB/95002	000-001-100	Ultrasonic cleaner Model Bransonic 200
UB/95004	000-019-028	Tank cover, plastic for model 200
UB/95006	000-019-030	Mesh basket, plastic for model 200
UB/95007	000-019-029	Wire mesh basket, stainless steel for model 200
UB/95010	000-019-021	Beaker holder, stainless steel 2 x 250 ml for model 200



UB/95002 & UB/95004

CPX Series Ultrasonic Baths

Branson Ultrasonic baths with mechanical 60-minute timers are available heated (69°C/156.2°F) or unheated. Supplied complete with lid and 40 kHz rugged industrial transducers.

These models can also be supplied with an optional Digital 99-minute timer. Available either heated (69°C/156.2°F) or unheated, with power tracking capabilities to adjust for light or heavy loads. The high/low power control, degassing and sleep mode, makes these baths one of the most versatile systems available.

CPXH digital timers can be set up to 99 minutes. Extended 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.



UB/951