

DU series, Heated

These heated ultrasonic baths are suitable for sonochemistry, degassing and sample dissolution and cleaning of delicate or fragile components/glassware especially where there may be a risk of breakage as a result of manual cleaning. The addition of heaters on this range ensures that optimum operating temperature for maximum ultrasonic efficiency is reached rapidly.



Using high performance piezoelectric disc transducers to ensure, constant ultrasonic activity throughout the tank liquid ideal for laboratory routines. The activity is called cavitation - this is created by pressure waves which causes bubbles to form and collapse resulting in an intense scrubbing action.

Wipe clean controls feature bold 2 digit LED display of actual temperature, adjusting temperature and time and activating sonics



Cat. No.	DU-4	DU-8
Capacity, litres	4l	8l
Internal Dims	300w x 150d x 150h mm	300w x 240d x 150h mm
Overall Dims	332w x 185d x 290h mm	332w x 270d x 290h mm
Operating Frequency, kHz	30 - 40kHz	30 - 40kHz
Noise Level	<65dBa @ 1m	<65dBa @ 1m
Sonics, Watts	150W	200W
Heater, Watts	200W	200W
Timer	Variable - 30 minutes	Variable - 30 minutes
Voltage	230V	230V

1. It is recommended that to minimise evaporation and act as dust covers preventing contamination whilst the bath is left overnight the bath should be covered with LD series Lid - see accessories.
2. It is essential that either BSK series Baskets or SLU series Lids are used in order to prevent items from touching bottom or sides of the tank - see accessories.
3. Intermittant use only, no "permanent on" setting.



Features Include:

- * Temperature
 - range: ambient +5°C - 69°C
 - digital LED display
 - overtemperature alarm
- * Timer
 - variable 0-30 minutes
 - electronic run back timer
 - audible buzzer at end of timed period
- * Heating element, safety cut-out, liquid and temperature sensors
 - concealed providing a totally clear clutter free working area
 - easy to clean
 - corrosion resistant stainless steel working environment
- * Side lifting handles
 - for ease of transportation
- * Low liquid level audible alarm
- * Constant tuning ultrasonics for optimum working
 - eliminates need for frequency sweeping
- * Noise levels reduced
 - insulating gasket between vibrating and static surfaces reducing ultrasonic shrill to a vigorous hum
 - at key points inside bath insulation used to dampen noise levels
 - using disc transducers rather than pillars for quieter operation
- * Drain outlet fitted to 22 litre.
 - accessory tap can be fitted for convenient use

DU-14

DU-22

14l

22l

325w x 300d x 150h mm

500w x 300d x 150h mm

361w x 332d x 290h mm

538w x 332d x 290h mm

30 - 40kHz

30 - 40kHz

<65dBa @ 1m

<70dBa @ 1m

200W

300W

200W

600W

Variable - 30 minutes

Variable - 30 minutes

230V

230V

ACCESSORIES

MU and DU series Ultrasonic Baths

FLAT LIDS

Minimise evaporation and act as dust covers whilst bath is left overnight for example

Cat No.	Description
LD-4	Flat lid, stainless steel, for 4 litre baths
LD-8	Flat lid, stainless steel, for 8 litre baths
LD-14	Flat lid, stainless steel, for 14 litre baths
LD-22	Flat lid, stainless steel, for 22 litre baths

STAINLESS STEEL FLAT LIDS FOR BEAKERS

Convenient method for locating beakers into ultrasonic activity separating their content from bath liquid. Ultrasonic activity is transmitted through beaker wall into its contents.

SLU1-4	Beaker lid, stainless steel, for 4 litre baths 2 x 105mm holes suitable for 800ml glass or 1250ml stainless steel beakers
SLU1-8	Beaker lid, stainless steel, for 8 litre baths 4 x 83mm holes suitable for 400ml glass or 700ml stainless steel beakers
SLU1-14	Beaker lid, stainless steel, for 14 litre baths 4 x 105mm holes suitable for 800ml glass or 1250ml stainless steel beakers
SLU1-22	Beaker lid, stainless steel, for 22 litre baths 6 x 105mm holes suitable for 800ml glass or 1250ml stainless steel beakers

STAINLESS STEEL BASKETS

We recommend that baskets are used to prevent items touching the bottom or sides of tank. Convenient lifting handles enable contents to be removed without immersing your hands.

BSK-4	Basket, stainless steel, for 4 litre baths
BSK-8	Basket, stainless steel, for 8 litre baths
BSK-14	Basket, stainless steel, for 14 litre baths
BSK-22	Basket, stainless steel, for 22 litre baths

MISCELLANEOUS

BX0953	Drain Tap for 22 litre baths
BX0613	Ultraclear Cleaning Solution 1 litre
204	700ml Stainless Steel Beaker 76mm dia x 165mm
205	1250ml Stainless Steel Beaker 100mm dia x 165mm
BX0616	Draining Syphon