

U-Series Quick Guide

Please download the full instruction manual from the Ultrawave website

Electrical Safety instructions

The U-Series Ultrasonic Baths are designed to be connected to a 230VAC fully earthed electrical supply via a three-pin plug.

It can be dangerous to operate the Ultrasonic Bath without an earth connected.

The U-Series machines are rated at up to 1050W maximum.

The detachable mains lead is rated at 250V 6A. **NEVER FIT A LEAD WITH A LOWER RATING.**

The mains plug is fitted with a 5A fuse. **NEVER FIT A FUSE OF A HIGHER RATING.**

On the U1300H and U2500H models, the IEC electrical socket on the rear of the unit is fitted with 2x T5A (slow blow) fuses. **NEVER FIT A FUSE OF A HIGHER RATING.**

The detachable mains lead is the disconnect device and should remain accessible while the machine is in use.

Ensure that any excess mains cable is stored neatly.

General Safety Instructions

Do not place fingers, hands, or other parts of the body in the liquid in the bath when it is sonicating.

Always ensure the liquid is above the tank crease when in operation.

Do not place parts or containers directly on the bottom of the cleaning tank. Always use a basket or instrument cassette to support items to be cleaned. Not doing so may damage the bath and invalidate your warranty.

Never use toxic, flammable, acidic, caustic, or corrosive solutions in the bath.

Ensure the electrical supply is disconnected before moving/emptying.

Before cleaning, drain the bath. Clean by wiping with a clean non-abrasive cloth.

The user should familiarise themselves with the *full instruction manual* before operating the equipment. Safety may be impaired if they are not followed.

Ultrawave will not be responsible for damage or injury caused by incorrect use of the equipment.

The user should apply to Ultrawave or its agent for advice on cleaning techniques or detergents.

Installation – U100, U100H, U300 & U300H

The following parts and accessories are included:

- 1 x U-Series Ultrasonic Bath
- 1 x Basket
- 1 x Lid
- 1 x Ultraclean detergent sample
- 1 x Power cable
- 1 x U-Series quick guide

How to install:

Fill the bath with water and the correct dose of detergent.

Connect the mains lead into a suitable mains socket. Ensure that the mains plug is easily accessible.

The bath is now ready to use.

Installation – U500H, U1300H & U2500H

The following parts and accessories are included:

- 1 x U-Series Ultrasonic Bath
- 1 x Basket
- 1 x Lid
- 1 x 2m length of drain hose
- 1 x hose tail
- 1 x Ultraclean detergent sample
- 1 x Power cable
- 1 x U-Series quick guide

How to install:

Locate the bath close to a drain or sink to allow easy drainage of the tank.

Screw the hose connector into the drain valve located on the side of the unit. Connect one end of the drain hose to the hose connector and locate the other end over a drain or sink.

Fill the bath with water and the correct dose of detergent.

Connect the mains lead into a suitable mains socket. Ensure that the mains plug is easily accessible.

The bath is now ready to use.



Controls

U100 & U300



- 1 Sonics power switch
- 2 15minute timer
- 3 Sonic light indicator
- 4 Heater power Switch
- 5 Temperature dial
- 6 Heater light indicator

U100H



U300H, U500H, U1300H & U2500H



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Pour water into the bath until it is at least $\frac{3}{4}$ full or the fluid level reaches the crease in the tank. To reduce the process preparation time, fill your bath with water at the temperature required for your process. The water you pour in must not exceed 50°C.

Add the required dose of detergent.

Operate the ultrasonics by turning the timer dial to the required time and pressing the SONICS button (where applicable).

Operate the heater, if the bath has a heating function, by turning the heater dial to the required temperature and pressing the HEAT button.

Turn on the ultrasonics for approximately 5-10 minutes to degas the cleaning liquid.

The bath is now ready to use.

At the end of the cycle, remove the basket from the bath and rinse the items under clean running water.

The lid can be inverted, and the basket placed on top to catch excess fluid as the items dry.

Please refer to the *full instruction manual* for more detailed instructions.

Change the cleaning liquid at regular intervals. Your cleaning process will determine how often to change the liquid - the more soiled your items, the more often you will need to change the liquid.

Ultrawave recommends changing the cleaning liquid at least on a daily basis.



If you require assistance, please call or email Ultrawave.
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