Ultrasonic Cleaner Baths

The new Argolab digital ultrasonic baths are developed to incorporate new technology and new functions useful for carrying out the cleaning process and meeting market requirements.

Sweep Technology:
This Technology ensures a more uniform and homogeneous ultrasonic intensity in the washing liquid.
It is implemented to have a more effective washing process and a more satisfactory result than the usual ultrasonic cleaning.
Adopted to increase the efficiency and performance of the instrument.

Pulse:
Special function to intensify the cleaning action and generate ultrasonic power enormously increased compared to normal power.
Convenient for removing stubborn contaminants and adamant dirt.

Degas:
Special function to remove dissolved gases in wash liquids and to degas samples.

Multifrequency:
Two ultrasound frequencies (28&40 kHz) are available and selectable from the user panel to adapt to the needs of the process and ensure appreciable cleaning of the object for the various types of dirt and contamination.

ARGO LAB

DU Series Sweep Technology

Digital ultrasonic cleaner baths are made of excellent quality stainless steel and are equipped with heating up to 60°C, timer, power control, Pulse, Degas, Multifrequency and overtemperature alarm.

The DU series is equipped with a LCD display and a controller which simultaneously indicate timer, set temperature, actual temperature, ultrasonic power level and operating frequency.

Applications:

- Degassing of wine or beer samples for analysis of alcohol contents, original worth, color and pH value.
- Cleaning of technical glassware like pipettes, petri dishes and laboratory flasks.
- Degassing of canned drinks for analysis of stannous contents.
- Extraction of soil samples for determination of hydrocarbons.
- Disinfection and cleaning at the same time.
- Electronic parts and components.
- Bearings, gears, valves, tools, etc.
- PCB, ink cartridges, etc.
- Lenses and crystals
- Jewels.

Front panel DU series Sweep Technology

DU-100 S

Digital Ultrasonic Cleaner DU Series Sweep Technology

DATA SHEET	DU-06	DU-32S	DU-45S	DU-65S	DU-100S	DU-220S	DU-450S *
Capacity (L)	0,6	3,2	4,5	6,5	10,0	22	45
Max Temperature (°C)	-	60	60	60	60	60	60
Heating power (W)	-	100	200	200	500	500	1000
Timer (min)	3 o 6	1 ... 99	1 ... 99	1 ... 99	1 ... 99	1 ... 99	1 ... 99
Power level %	-	10 .. 100% step 10%	10 .. 100% step 10%	10 .. 100% step 10%	10 .. 100% step 10%	10 .. 100% step 10%	10 .. 100% step 10%
Ultrasonic Frequency (kHz)	40 k	28 & 40 k	28 & 40 k	28 & 40 k	28 & 40 k	28 & 40 k	28 & 40 k
Ultrasonic power (W)	50	120	180	180	240	480	720
Power supply	220 -240 V 50 - 60 Hz	220 -240 V 50 - 60 Hz	220 -240 V 50 - 60 Hz	220 -240 V 50 - 60 Hz	220 -240 V 50 - 60 Hz	220 -240 V 50 - 60 Hz	220 -240 V 50 - 60 Hz
Sweep	-	●	●	●	●	●	●
Pulse	-	●	●	●	●	●	●
Degassing	-	●	●	●	●	●	●
Transducers number	1	2	3	3	4	8	12
Draining valve	-	-	-	-	●	●	●
Tank size (mm)	150 x 85 x 65	240 x 135 x 100	300 x 150 x 100	300 x 150 x 150	300 x 240 x 150	500 x 300 x 150	500 x 300 x 300
External size LxWxH (mm) Weight (kg)	160 x 95 x 165 1,35	260 x 160 x 235 3,80	325 x 175 x 225 4,40	325 x 175 x 305 5,40	325 x 265 x 310 8,20	530 x 330 x 340 13,20	530 x 325 x 500 17
Part number	**41300323**	**41300333**	**41300343**	**41300353**	**41300363**	**41300373**	**41300383**

All models are provided with a stainless-steel mesh basket and stainless-steel lid.
** SS-200 holder for cleaning sieve not included in standard pack.*

Mesh basket for all models

Draining valve for DU-100S, DU-220S, DU-450S, AU-220, AU-450

DU-06

DU-32S | 45S | 65S

AU Series

Argo Lab ultrasonic cleaner baths are made of top-quality stainless steel. They are equipped with heating up to 80°c and timer.
AU series have analogic control for temperature and timer with continuous mode.
AU-450 is especially recommended for degassing of HPLC solvents. It can be equipped with support SS-200 to wash sieves.

Applications:

- Degassing of wine or beer samples for analysis of alcohol contents, color and ph value.
- Cleaning of technical glassware like pipettes, petri dishes and laboratory flasks.
- Degassing of canned drinks for analysis of stannous contents.
- Extraction of soil samples for determination of hydrocarbons.
- Disinfection and cleaning at the same time.
- Bearings, gears, valves, tools, etc.
- Electronical parts and components.
- PCB, ink cartridges, etc.
- Lenses and crystals.
- Jewels.

Front panel AU series

AU-65

Analogic ultrasonic cleaner AU series

DATA SHEET	AU-32	AU-65	AU-220	AU-450 *
Capacity (L)	3,2	6,5	22	45
Temperature max (°C)	80	80	80	80
Heating power (W)	100 W	200 W	500 W	1000 W
Timer (min)	1 ... 30 / ∞	1 ... 30 / ∞	1 ... 30 / ∞	1 ... 30 / ∞
Ultrasonic frequency (kHz)	40 k	40 k	40 k	40 k
Ultrasonic power (W)	120 W	180 W	480 W	750 W
Transducers number	2	3	8	12
Power supply	220 -240 V 50 - 60 Hz	220 -240 V 50 - 60 Hz	220 -240 V 50 - 60 Hz	220 -240 V 50 - 60 Hz
Draining valve	-	-	●	●
Tank size (L x W x H) mm	240 x 135 x 100	300 x 150 x 150	500 x 300 x 150	500 x 300 x 300
External size (L x W x H) mm Weight Kg	260 x 160 x 235 3,80	325 x 175 x 305 5,40	530 x 330 x 340 13,20	530 x 325 x 500 17,00
Part number	**41300403**	**41300413**	**41300433**	**41300423**

All models are provided with a stainless-steel mesh basket and stainless-steel lid.
**** SS-200 holder for cleaning sieve not included in standard pack.***

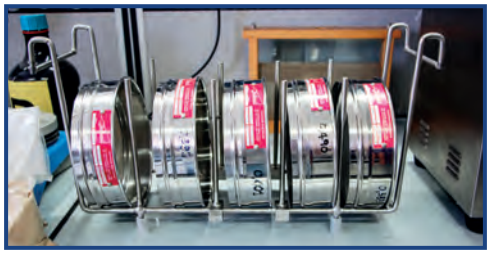
Universal cleaning solution for all models

Stainless steel lid for all models

AU-32

AU-450

Accessories for all models



SS-200 with sieves

Part number	Description
41300203	**SS-200** sieve cleaning holder; max 5 pcs of 80 mm or 6 pcs of 60 mm. **Only for model DU-450 S and AU-450**
41300513	Becker support for DU-45 S, DU-65 S and AU-65 with 2 holes
41300533	Becker support for DU-100 S with 4 holes
41300253	Concentrate universal cleaner solution 30 ml
41300263	Concentrate universal cleaner solution 500 ml

** All beaker stands are supplied with rubber rings diam: 91.7 - 72.0 - 52.0 - 32.5 mm*

SS-200 sieve cleaning holder only for AU-450 and DU-450S

Becker support for DU-100S

Becker support for DU-45S, DU-65S and AU-65

CE-6200A

Control panel

CE-6200A is an ultrasonic bath without heating, with a 1,4 L stainless steel tank, touch screen panel, digital display, for viewing the time.Designed for the cleaning of small laboratory objects as

- *Cuvette for spectrometry*
- *Volumetric flasks*
- *Pycnometer*
- *Boats*
- *Slides crucible*
- *Pipettes*
- *Small laboratory glassware*

The intuitiveness and versatility of use make it an indispensable instrument in any laboratory.

Model	Capacity	Timer (sec)	Ultrasonic frequency (kHz)	Ultrasonic power	Transducers number	Tank size	External size (L x W x H) mm	Weight	p/n
CE-6200A	1,4 l	90-180-280-380-480	42	70 W	1	175 x 135 x 70	225 x 85 x 160	1,55 Kg	**41300313**

GIORGIO·BORMAC s.r.l.

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