



# Ultrasonic Cleaner Baths



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# DU digital series



DU-06

**Argo Lab** ultrasonic cleaner baths with housing made of top quality stainless steel. Timer for countdown and built-in heating to 80°C for DU series.

**DU series** easy to use with digital controller and simultaneous indication of actual temperature, set temperature, timer and set power. Is possible to use DU series as waterbath with temperature accuracy  $\pm 3\text{ }^{\circ}\text{C}$ .

**Application:**

- Cleaning of technical glassware like pipettes, petri dishes and laboratory flasks.
- Disinfection and cleaning at the same time.
- Degassing of wine or beer samples for analysis of alcohol contents, original worth, color, pH value.
- Degassing of food sampled from cans for analysis of stannous contents.
- Extraction of soil samples for determination of hydrocarbons.



DU-32



DU-45



DU-65



DU-100

**Digital ultrasonic cleaner DU series**

| Characteristics              | DU-06           | DU-32                  | DU-45                  | DU-65                  | DU-100                 |
|------------------------------|-----------------|------------------------|------------------------|------------------------|------------------------|
| Capacity (L)                 | 0,6             | 3,2                    | 4,5                    | 6,5                    | 10,0                   |
| Temperature max (°C)         | -               | 80                     | 80                     | 80                     | 80                     |
| Heating power                | -               | 100 W                  | 200 W                  | 200 W                  | 500 W                  |
| Timer (min)                  | 3 to 6          | 1 to 99                | 1 to 99                | 1 to 99                | 1 to 99                |
| Power control %              | -               | 20 to 100% in 20% step | 20 to 100% in 20% step | 20 to 100% in 20% step | 20 to 100% in 20% step |
| Ultrasonic frequency (kHz)   | 40              | 40                     | 40                     | 40                     | 40                     |
| Ultrasonic power             | 50 W            | 120 W                  | 180 W                  | 180 W                  | 240 W                  |
| Number transducers           | 1               | 2                      | 3                      | 3                      | 4                      |
| Emptying valve               | No              | No                     | No                     | No                     | Yes                    |
| Tank size (L x W x H) 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        |
| External size (L x W x H) mm | 160 x 95 x 165  | 260 x 160 x 235        | 325 x 175 x 225        | 325 x 175 x 305        | 325 x 265 x 310        |
| Weight Kg                    | 1,35            | 3,80                   | 4,40                   | 5,40                   | 8,20                   |
| Part number                  | <b>41300323</b> | <b>41300333</b>        | <b>41300343</b>        | <b>41300353</b>        | <b>41300363</b>        |

*All models are provided with a stainless steel mesh basket, stainless steel lid and 1x 60 ml concentrate universal cleaner solution*



Front panel of DU series



Universal cleaner solution for all model



Mesh basket for all models



Emptying valve for DU-100 and AU-450



Side handle



Stainless steel lid for all models

# AU analogic series



AU-32



AU-65



AU-450

**Argo Lab** ultrasonic cleaner baths with housing made of top quality stainless steel. Timer for countdown and built-in heating to 80°C for AU series.

**AU** series with analogic control for temperature and timer with continuous mode. AU-450 for degassing of HPLC solvents and the processing of samples, with holder SS-200 for sieve cleaning.

### Application:

- Cleaning of technical glassware like pipettes, petri dishes and laboratory flasks.
- Disinfection and cleaning at the same time.
- Degassing of wine or beer samples for analysis of alcohol contents, original worth, color, pH value.
- Degassing of food sampled from cans for analysis of stannous contents.
- Extraction of soil samples for determination of hydrocarbons.

### Analogic ultrasonic cleaner AU series

| Caracteristics               | 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                | 100 W           | 200 W           | 500 W           | 1000 W          |
| Timer (min)                  | 1 to 30 / ∞     | 1 to 30 / ∞     | 1 to 30 / ∞     | 1 to 30 / ∞     |
| Ultrasonic frequency (kHz)   | 40              | 40              | 40              | 40              |
| Ultrasonic power             | 120 W           | 180 W           | 480 W           | 750 W           |
| Number transducers           | 2               | 3               | 8               | 12              |
| Emptying valve               | No              | No              | Yes             | Yes             |
| 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 | 260 x 160 x 235 | 325 x 175 x 305 | 530 x 330 x 340 | 530 x 325 x 500 |
| Weight Kg                    | 3,80            | 5,40            | 13,20           | 17,00           |
| Part number                  | <b>41300403</b> | <b>41300413</b> | <b>41300433</b> | <b>41300423</b> |

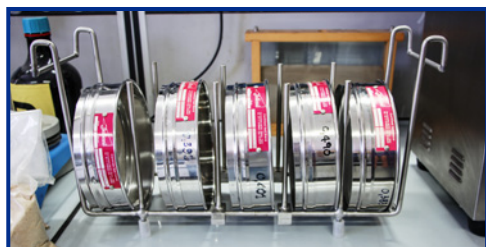
All models are provided with a stainless steel mesh basket, stainless steel lid and 1x 60 ml concentrate universal cleaner solution

\* SS-200 holder for cleaning sieve not included in standard pack.



Front panel of AU series

## Accessories for all models



SS-200 with sieves

| Part number     | Description  |
|-----------------|--|
| <b>41300203</b> | <b>SS-200</b> sieve adjustable holder for max 5 pcs sieve 80 mm H or 6 pcs sieve 60 mm H. <b>Only for model AU-450</b> |
| <b>41300513</b> | Becker support for DU-45 with 2 holes  |
| <b>41300523</b> | Becker support for DU-65 and AU-65 with 2 holes  |
| <b>41300533</b> | Becker support for DU-100 with 4 holes   |
| <b>41300253</b> | Concentrate universal cleaner solution 60 ml   |
| <b>41300263</b> | Concentrate universal cleaner solution 500 ml  |

\* All becker support include black plastic adapter diameter: 91,7 - 72,0 - 52,0 - 32,5



SS-200 sieve holder only for AU-450



Becker support for DU-100



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

# Basic version



**CE-5700A** ultrasonic bath with stainless steel tank, touch screen panel and digital display, designed for the cleaning of small laboratory objects as:

- Cuvette / Vials for spectrophotometer
- Volumetric
- pycnometer
- Boats
- Slides
- Pipettes
- Small laboratory glassware



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

| Model           | Capacity | Timer (sec)        | Ultrasonic frequency (kHz) | Ultrasonic power | Number transducers | Tank size (L x W x H) mm | External size (L x W x H) mm | Weight  | Part number     |
|-----------------|----------|--------------------|----------------------------|------------------|--------------------|--------------------------|------------------------------|---------|-----------------|
| <b>CE-5700A</b> | 0,75     | 90-180-280-380-480 | 42                         | 50W              | 1                  | 150 x 130 x 50           | 210 x 180 x 125              | 0,97 Kg | <b>41300303</b> |



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