

camSonix

D-Series

Digital control and display



- Cleaning
- Degassing
- Mixing



camSonix D - Series
ultrasonic bath
with easy operation

Quick Setting

- with control knob adjustment for time and temperature with digital display

Variable Ultrasonic Power

- from 20% to 140%

Degas Function

- for degassing of solvents and samples



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camSonix

D - Series

The easiest way to program precision

Technical Data

camSonix model	D275T	D690T	D950T	D1275T	D1800T	D2800T
Outer dimensions (lxwxh) mm	265x175x215	565x200x215	394x275x372	447x290x400	447x390x400	606x405x400
Inner dimensions (lxwxh) mm	240x137x100	505x137x100	300x240x150	300x240x200	327x300x200	505x300x200
Casing type	stainless steel	stainless steel	stainless steel	stainless steel	stainless steel	stainless steel
Drain	no	yes	yes	yes	yes	yes
Tank capacity (total)	2.75 l	6.9 l	9.5 l	12.75 l	18 l	28 l
Mains voltage	115/230 V	115/230 V	115/230 V	115/230 V	115/230 V	115/230 V
Power requirement	330 VA	580 VA	580 VA	650 VA	1050 VA	1110 VA
Ultrasonic Frequency	40 kHz	40 kHz	40 kHz	40 kHz	40 kHz	40 kHz
Power (100/140%)	110/130 W	130/180 W	130/180 W	210/250 W	210/250 W	270/310 W
Peak output	260 W	360 W	360 W	500 W	500 W	620 W
Power regulation	yes	yes	yes	yes	yes	yes
Time and heating pre-selection	yes	yes	yes	yes	yes	yes
DEGAS function	yes	yes	yes	yes	yes	yes
Order-No.	EA/2264900	EA/2266800	EA/2267100	EA/2267600	EA/2268400	EA/2269100

camSonix - Ultrasonic technology by Camlab – highly efficient and easy to operate



For degassing, mixing, homogenizing and emulsifying in the **laboratory** and **technology** sectors as well as intensive cleaning and degreasing for **industry**, **dental** and **jewellery** sectors.

Operation is very easy! There are no tedious scroll keys but simple control knobs instead for easy adjustment. Reading the operating manual is not really necessary because power regulation, cleaning or degassing functions are adjusted intuitively. Simply turn the control knob to set the run time and the LED display indicates the remaining cleaning time. If the set period is changed during operation, e.g. shortened, the unit stops automatically, and starts again showing the new cleaning period.

Unlike conventional analogue baths, camSonix delivers optimum results using digital control of the ultrasound wave. This controlled wave form gives the best possible results when used in conjunction with the following advanced features:

Variable Power: When switched on the unit works at 100 %. If more power is needed for cleaning or degassing, the unit can be operated at up to 140 % of the nominal value. Alternatively the power can be decreased to as low as 20 % for extremely sensitive items.

Degassing: The sound wave modulation switches to half-wave operation by pressing the degas key. This means, that there are short pulse intervals which allow the quick discharge of gas bubbles for degassing of liquids. The degassing function is frequently used in the laboratory for the degassing of HPLC solvents, and for the removal of carbon dioxide from drinks samples for analysis.

Heating: The efficiency of the cleaning process is considerably increased with heat, making the camSonix D-series baths ideal for even the toughest cleaning and degreasing applications. Temperature is easily regulated by turning the control knob; the actual temperature is then indicated in the adjacent LED display.



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