

ULTRASOUND BATHS LINE

.....THE RESPONSE TO A MODERN LABORATORY NEEDS



ULTRASOUND BATHS

SERIES LBS1 AND LBS2

The use of LABSONIC FALC ultrasound baths allows a perfect cleaning of objects in minimum time, obtaining in a few seconds the elimination of all impurities.

When the elevated ultrasound energy is transmitted in the liquid, in the interior of this the ultrasounds form a large quantity of small bubbles under pressure which implode immediately.

Thanks to this vibration effect, which is called cavity, all types of impurities can be removed from the submerged objects.

The LBS1 models are provided with a digital timer and a switch on/off



LBS 1

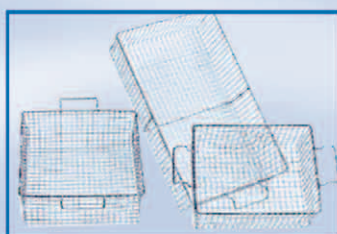


Technical specification		LBS1 - 0,6	LBS1 - 3	LBS1 - 6	LBS1 - 10	LBS1 - 10,5	LBS1 - 15	LBS1 - 22,5
Tank capacity	lt	0,6	3,0	6,0	10,0	10,5	15,0	22,5
Frequency	KHz	50	50	50	50	50	50	50
Peak Power	HF/W	39	140	226	280	396	495	700
Absorbed Power	W	28	100	160	200	280	350	500
Power regulation		No	No	No	No	No	No	No
Heating	°C	No	No	No	No	No	No	No
Timer		No	1-99 + ∞	1-99 + ∞	1-99 + ∞	1-99 + ∞	1-99 + ∞	1-99 + ∞
Drain tube with tap		No	No	No	Yes	Yes	Yes	Yes
Internal dimensions LxWxH	mm	150x86x65	240x140x100	300x150x150	300x240x150	500x140x150	330x300x150	500x300x150
External dimensions LxWxH	mm	186x122x155	285x185x215	347x196x270	347x286x278	550x183x300	375x347x293	550x348x308
Weight	Kg	2,5	3,2	3,8	5,2	6,0	8,0	10,4
Item		616.1010.02	616.1010.04	616.1010.06	616.1010.08	616.1010.10	616.1010.12	616.1010.14

V/Hz
230/50-60

ACCESSORIES LBS1 e LBS2

Stainless steel lid							
Item	616.1025.02	616.1025.04	616.1025.06	616.1025.08	616.1025.10	616.1025.12	616.1025.14
Stainless steel basket							
Item	-	616.1027.04	616.1027.06	616.1027.08	616.1027.10	616.1027.12	616.1027.14



1 Lt Bottle 10% PH 12 concentrated solution.



Universal detergent for ultrasonic baths; it can be used for cleaning glass, synthetic materials, metals and ceramics; effectively removes all grease and organic residues etc. 90% biodegradable.

Item 616.1043.45

The LBS 2 models, are doted with digital timer, power regulator, possibility of choosing two KHz frequencies, heating from 20 to 80° and acoustic alarm which functions when the temperature exceeds the set values.



LBS 2

LBS2 - 4,5	LBS2 - 10	LBS2 - 15	LBS2 - 22,5
4,5	10,0	15,0	22,5
40 or 59	40 or 59	40 or 59	40 or 59
150	300	450	650
135	250	350	500
40 - 100	40 - 100	40 - 100	40 - 100
20 - 80	20 - 80	20 - 80	20 - 80
1-99 + ∞	1-99 + ∞	1-99 + ∞	1-99 + ∞
No	Yes	Yes	Yes
300x150x100	300x240x150	330x300x150	500x300x150
320x170x230	320x260x290	350x320x300	510x320x310
3,4	6,9	9,4	12,7
616.1020.05	616.1020.08	616.1020.12	616.1020.14

V/HZ
230/50-60

616.1025.05	616.1025.08	616.1025.12	616.1025.14
616.1027.05	616.1027.08	616.1027.12	616.1027.14

The adjustability with step of subtle 1% of the maximum power within the range of 40% to 100% of maximum power allows you to set the optimal power easily to degas, extraction and mixture positioning.

Four products with operation frequencies of 40KHz and 59KHz. The break through provides the products with multi -function to better fulfill your needs.

The temperature set range is from 20°C to 80°C. The function of auto alarm and poweroff upon boiling dry provides the security system on mis-operation. The thermal efficiency of the low consumption and high efficiency heating system is several times of those traditional instruments.

Do you want to instantly get the water temperature in the through? The real-time temperature display will show you

ST Microelectronics high-speed anti-interference chip completely eliminates the ultrasonic interference to LCD circuit.





INSTRUMENTS



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