



LAT - Labor- und Analysen-Technik GmbH
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2017

ULTRASONIC
BATHS

www.falcinstruments.it

ULTRASONIC BATHS

For simple cleaning operations



Digital timer or continuous function

Carry handle

digital timer



LBS 1

For heated cleaning operation



Digital timer function



Digital temperature control

Carry handle

digital timer

digital temperature display



LBS 1H

For cleaning operations- Mixing - Degas - Extraction - Sample preparation



Digital timer function



Digital temperature control



Multi-frequency, adjustable power, real temperature display

Carry handle

multifunction LCD display



LBS 2

ULTRASONIC BATHS

Ultrasonic baths for simple cleaning operations

-  Short working time, digital timer and continuous mode
-  Included support grid
-  Ideal for cleaning and eliminating all types of impurities with cavitation (vibratory effect generated by the ultrasonic power)



LBS 1

Technical data		LBS 1 - 0,6	LBS 1 - 3	LBS 1 - 6	LBS 1 - 10	LBS 1 - 15	LBS 1 - 22,5
Tank capacity	lt	0,6	3,0	6,0	10,0	15,0	22,5
Frequency	KHz	50	50	50	50	50	50
Power peak	HF/W	39	140	226	280	495	700
Power consumption	W	28	100	160	200	350	500
Power adjustment	%	no	no	no	no	no	no
Heating	°C	no	no	no	no	no	no
Timer		no	1-99 + ∞	1-99 + ∞	1-99 + ∞	1-99 + ∞	1-99 + ∞
Drain valve		no	no	no	yes	yes	yes
Dim. of internal tank LxWxH	mm	150x86x65	240x140x100	300x150x150	300x240x150	330x300x150	500x300x150
Dim. of external tank LxWxH	mm	186x122x155	270x160x240	330x180x290	360x270x310	390x300x310	570x330x330
Weight	kg	2,5	3,2	3,8	5,2	8,0	10,4
Code		616.1010.02	616.1010.04	616.1010.06	616.1010.08	616.1010.12	616.1010.14

V/HZ 220/240-50/60

SAFETY CLASS 1

PROTECTION CLASS IP 42

ACCESSORIES



Code	LBS 1 - 0,6	LBS 1 - 3	LBS 1 - 6	LBS 1 - 10	LBS 1 - 15	LBS 1 - 22,5
18/8 stainless steel lid	616.1025.02	616.1025.04	616.1025.06	616.1025.08	616.1025.12	616.1025.14
18/8 stainless steel basket	-	616.1027.04	616.1027.06	616.1027.08	616.1027.12	616.1027.14



Concentrated bottle at 10% PH12
Universal cleaner for ultrasonic baths, suitable for cleaning glassware, ceramic items, metals and synthetic products, eliminating greasy waste and organic waste. 90% Biodegradable

Code
1 litre
616.1043.45

5 litres
616.1043.46

ULTRASONIC BATHS

Heated ultrasonic baths

-  Digital temperature control
-  Short working time and digital timer
-  Included support grid
-  Ideal for cleaning and eliminating all types of impurities with cavitation (vibratory effect generated by the ultrasonic power)



LBS 1H

Technical data		LBS 1 - H3	LBS 1 - H10	LBS 1 - H22,5
Tank capacity	lt	3,0	10,0	22,5
Frequency	KHz	35	35	50
Ultrasonic power	W	100	200	700
Heating power	W	88	270	500
Setting of power	%	no	no	no
Heating	°C	20-69	20-69	20-69
Timer		1-99 + ∞	1-99 + ∞	1-99 + ∞
Drain valve		no	yes	yes
Inner tank dimensions LxWxH	mm	240x140x100	300x240x150	500x300x150
Dim. of outer tank LxWxH	mm	270x160x240	360x270x310	570x330x330
Weight	kg	3,2	5,2	10,4
Code		616.1015.04	616.1015.08	616.1015.14

V/HZ 230/50-60

SAFETY CLASS 1

PROTECTION CLASS IP 42

ACCESSORIES



Code	LBS 1 - 3	LBS 1 - 10	LBS 1 - 22,5
18/8 stainless steel lid	616.1025.04	616.1025.08	616.1025.14
18/8 stainless steel basket	616.1027.04	616.1027.08	616.1027.14



Concentrated bottle at 10% PH12

Universal cleaner for ultrasonic baths, suitable for cleaning glassware, ceramic items, metals and synthetic products, eliminating grasy waste and organic waste. 90% Biodegradable

Code
1 litre
616.1043.45

5 litres
616.1043.46

ULTRASONIC BATHS

Heated ultrasonic baths with multi-frequency and adjustable power

-  Digital control
real temperature display
-  Adjustable multi-frequency power, high speed
circuit - ST microelectronic that eliminates the
interference of ultrasonic on the LCD circuit
Included support grid
-  Acoustic alarm when temperature
exceeds the set values
-  Thermal efficiency with low power consumption
-  Ideal for cleaning, mixing, degassing,
extracting and preparation of samples



LBS 2

Technical data		LBS 2 - 4,5	LBS 2 - 10	LBS 2 - 15	LBS 2 - 22,5
Tank capacity	lt	4,5	10,0	15,0	22,5
Frequency	KHz	40 o 59	40 o 59	40 o 59	40 o 59
Power peak	HF/W	150	300	450	650
Power consumption	W	135	250	350	500
Power adjustment	%	40-100	40-100	40-100	40-100
Heating	°C	20-80	20-80	20-80	20-80
Timer		1-199	1-199	1-199	1-199
Drain valve		no	yes	yes	yes
Inner tank dimensions LxWxH	mm	300x150x100	300x240x150	330x300x150	500x300x150
Dim. of outer tank LxWxH	mm	330x180x240	360x270x310	390x330x310	570x330x330
Weight	kg	3,4	6,9	9,4	12,7
Code		616.1020.05	616.1020.08	616.1020.12	616.1020.14

V/HZ 220/240-50/60

SAFETY CLASS 1

PROTECTION CLASS IP 42



Code	LBS 2 - 4,5	LBS 2 - 10	LBS 2 - 15	LBS 2 - 22,5
18/8 stainless steel lid	616.1025.05	616.1025.08	616.1025.12	616.1025.144
18/8 stainless steel basket	616.1027.05	616.1027.08	616.1027.12	616.1027.14



Concentrated bottle at 10% PH12

Universal cleaner for ultrasonic baths, suitable for cleaning glassware, ceramic items, metals and synthetic products, eliminating greasy waste and organic waste. 90% Biodegradable

Code
1 litre
616.1043.45

5 litres
616.1043.46

ULTRASONIC BATHS

Heated ultrasonic baths for large volumes



LBS 3



Digital temperature control



Short working time
and digital timer



Included support grid



Ideal for cleaning and eliminating all types of
impurities with cavitation (vibratory effect gene-
rated by the ultrasonic power)

Technical data

Tank capacity	lt	50
Frequency	KHz	25
Power consumption	W	750
Heating capacity	W	780
Heating	°C	20-60
Digital timer		1-199
Drain valve		yes
Inner tank dimensions LxWxH	mm	420x370x350
Dim. of outer tank LxWxH	mm	480x540x630
Code		616.1022.05

V/HZ 220/240-50/60

SAFETY CLASS 1

PROTECTION CLASS IP 42

ACCESSORIES

Basket

Code 616.1028.05

ULTRASONIC BATHS

Ultrasonic baths for sieves with circular tank



It can be used with a timer or continuously.
Digitally programmable timer



18/8 stainless steel tank. Drain valve.
Ergonomic handles for moving the bath
even if there are sieves in the tank



Ideal for cleaning sieves



Included support grid

Technical data

Tank capacity	lt	7,0
Frequency	KHz	35
Timer		1-99 + ∞
Drain valve		yes
Inner tank dimensions ØxH	mm	254x145
External tank dimensions ØxH	mm	274x370
Weight	kg	7
Code		616.1020.20

V/Hz 220/240-50/60

SAFETY CLASS 1

PROTECTION CLASS IP 42

ACCESSORIES



Lid
Code 616.1025.20

Basket
Code 616.1027.20



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