



Ultrasound for the laboratory



- cleaning
- solving
- mixing
- degasing

Features

SWEEP mode for improved cleaning

DEGAS mode for fast and efficient degasing of liquids

NORMAL mode for optimized solving, mixing, dispersion

Terms and Conditions

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Fisher Scientific

Ultrasonic Baths



The Fisher Scientific ultrasonic baths offer practically every proven technical feature available. The new units support the ultrasonic effect even better than before.

The materials used and the state-of-the-art technology prolong the service life of the baths. Their design has been changed to be both more functional and modern. Perfect cleaning with ultrasound in industrial manufacturing and servicing is based on powerful ultrasonic transducer systems at 37 kHz.

The tough cleaning jobs in laboratories everyday show that the new baths with their practical features meet all requirements perfectly.

Technical details

		FB 15046	FB 15048	FB 15050	FB 15052	FB 15054	FB 15056	FB 15058	FB 15060	FB 15062	FB 15064	FB 15066	FB 15068	FB 15069
		FB 15047	FB 15049	FB 15051	FB 15053	FB 15055	FB 15057	FB 15059	FB 15061	FB 15063	FB 15065	FB 15067		
Tank volume max.	liter	0.8	1.75	2.75	4.25	5.75	6.9	9.4	9.5	12.75	18	28	45	90
Tank volume max.	gal (approx.)	0.2	0.5	0.7	1.0	1.5	1.8	2.4	2.5	3.4	4.7	7.4	11.9	23.8
Tank internal dimensions	W x D x H mm	190x85x60	151x137x100	240x137x100	240x137x150	300x151x150	505x137x100	505x137x150	300x240x150	300x240x200	327x300x200	505x300x200	500x300x300	600x500x300
Unit external dimensions	W x D x H mm	206x116x178	175x180x212	300x179x214	300x179x264	365x186x264	568x179x214	568x179x264	365x278x264	365x278x321	390x340x321	568x340x321	615x370x467	715x570x467
Weight	kg (ca.)	2.0	2.1	3.3	4.0	5.1	5.6	6.4	5.9	7.5	8.5	11.0	25	45
Ultrasonic frequency	kHz	37	37	37	37	37	37	37	37	37	37	37	37	37
Ultrasonic peak max. * ¹⁾	W	240 * ²⁾	280 * ²⁾	320 * ³⁾	560 * ³⁾	600 * ³⁾	600 * ³⁾	600 * ³⁾	600 * ³⁾	800 * ³⁾	800 * ³⁾	1200 * ³⁾	1600 * ³⁾	3200 * ³⁾
Heating power	W	0 / 60	0 / 60	0 / 200	0 / 200	0 / 400	0 / 600	0 / 600	0 / 400	0 / 800	0 / 800	0 / 1200	1600	2000
Power consumption total	W	30 / 90	35 / 95	80 / 280	140 / 340	150 / 550	150 / 750	150 / 750	150 / 550	200 / 1000	200 / 1000	300 / 1500	2000	2800
Sweep		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Degas / Autodegas		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Carrying handles		no	no	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Drain duct / diameter	inch	no	no	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	1/2"	1/2"
Order number														
with heating * ⁴⁾	220-240 Vac	100 1214	100 2060	100 1955	100 2006	100 2238	100 2140	100 2170	100 2279	100 2825	100 2877	100 3033	100 3908	100 3946
without heating * ⁴⁾	220-240 Vac	100 5507	100 4626	100 4631	100 4635	100 4643	100 4650	100 4652	100 4655	100 4658	100 4662	100 4669	-	-
Accessories:														
Basket internal dimensions	W x D x H mm	177x73x30	112x103x50	198x106x50	190x105x75	255x115x75	465x106x50	455x106x75	255x200x80	250x190x115	280x250x115	455x250x115	455x270x194	545x450x250
Basket mesh size	mm	7x1	7x1	7x1	7x1	9x1	9x1	9x1	9x1	9x1	9x1	9x1	9x1	16x1.2
Basket loading	kg	1	1	1	3	5	5	5	6	7	8	10	20	30

*¹⁾ The choice of the waveform has been matched to the relevant tank size.

*²⁾ Impulse waveform

*³⁾ Standard sine-wave modulation

*⁴⁾ Units also available with 100-120 Vac (except FB 15068 / FB 15069).



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