



Technical data									
Elmasonic xtra ST	300H	500H	600H		800H	1400H	1600H	1900S	2500H
<b>Mechanical data</b>									
Max. volume of trough (L)	30	50	58		83	126	162	187	255
Working volume of trough (L)	22	42	45		70	97	133	134	215
Internal dimensions of trough W x D x H (approximate in mm)	330/300/300	330/300/500	500/330/350		500/330/500	600/600/350	600/600/450	410/650/720	750/650/520
External dimensions of device W x D x H (approximate in mm)	500/550/936	500/550/936	670/580/936		670/580/936	885/850/936	885/850/936	615/900/940	1035/900/936
Weight (kg)	40	45	55	56	61	87	93	75	107
Max. basket loading (kg)	12	12	25		40	50	50	40	50
Ball valve (")	3/4	3/4	3/4		3/4	1	1	3/4	1
<b>Electrical data</b>									
Mains voltage (Vac)	230-240 (50/60Hz)	230-240 (50/60Hz)	230-240 (50/60Hz)	3x400 V/N/PE-50Hz 3x200-208 V/PE-60Hz	3x400 V/N/PE-50Hz 3x200-208 V/PE-60Hz	3x400 V/N/PE-50Hz 3x200-208 V/PE-60Hz	3x400 V/N/PE-50Hz 3x200-208 V/PE-60Hz	230-240 (50/60Hz)	3x400 V/N/PE-50Hz 3x200-208 V/PE-60Hz
Ultrasound frequency (kHz)	25/45	25/45	25/45		25/45	25/45	25/45	25/45	25/45
Total power consumption (W)	2000	2000	2400	3800	5200	6800	9500	3350	9500
Effective ultrasound output (ultrasound/pulse/mode) (W)	480 (25/45 kHz)	540 (25 kHz) 600 (45 kHz)	800 (25 kHz) 900 (45 kHz)		900 (25 kHz) 1000 (45 kHz)	1440 (25/45 kHz)	1600 (25 kHz) 1800 (45 kHz)	1000 (25/45 kHz)	1800 (25 kHz) 2000 (45 kHz)
Max. peak ultrasound output * (ultrasound/pulse/mode) (W)	1920 (25/45 kHz)	1920 (25/45 kHz)	3200 (25 kHz) 3600 (45 kHz)		3600 (25 kHz) 4000 (45 kHz)	5760 (25/45 kHz)	6400 (25 kHz) 7200 (45 kHz)	4000 (25/45 kHz)	7200 (25 kHz) 8000 (45 kHz)
Effective ultrasound output (dynamic mode) (W)	600	600	1000		1000	1800	2000	-	2000
Max. peak ultrasound output * (dynamic mode) (W)	2400	2400	4000		4000	7200	8000	-	8000
Heating power (W)	1400	1400	1400	2800	4200	5000	7500	2300	7500
IP protection class	IP23								
* Due to the signal shape, four times the value results for the maximum peak value of ultrasound output									
<b>Noise level</b>									
Sound pressure level (L <sub>pAU</sub> )**	<80 dB ** Measured sound pressure level with basket and noise protection cover at a distance of 1 metre								
Ultrasound level (L <sub>pZ</sub> )**	<110 dB ** Measured sound pressure level with basket and noise protection cover at a distance of 1 metre								