Elmasonic X-tra basic 300

Ultrasonic cleaning unit

Version with Flip-top-cover

Elma Order Nos.

Elmasonic X-tra basic 300 (230 - 240 V)	102 7023
Lid (stainless steel)	102 7325
Flip-top-Cover (stainless steel)	102 7280
Basket (stainless steel)	102 7339
Further accessories on request	

Robust and powerful ultrasonic cleaning unit for industry and work shop. The Elmasonic X-tra basic series comprises 6 different unit sizes (300, 550, 800, 1200, 1600 and 2500). All units are equipped with multi-frequency (25/45 kHz, switchable), bottom sound and heating.

Product features

- ultrasonic tank made of extremely cavitation-proof stainless steel
- slanted tank floor to facilitate the draining of the cleaning liquid
- fixtures to hang the basket into the tank both in cleaning and dripping-off position
- sandwich-type performance transducer systems
- two ultrasonic frequencies available: 25 kHz for coarse and preliminary cleaning, and 45 kHz for fine cleaning
- integrated Sweep mode for a continuous shifting of sound field maxima, guarantees a more homogeneous sound field distribution in the bath
- activatable Pulse mode for an intensified ultrasonic cleaning power for tenacious contaminations; also the ope rational readiness of the unit (cavitational threshold reached) after an exchange of the cleaning liquid or after an exchange of baskets is optimized (through a shortening of the cleaning periods)
- heating with temperature control (30°C – 80°C)
- temperature-controlled ultrasonic operation: ultrasound starts automatically as soon as the preset temperature is reached
- automatic safety switch-off after 12 h operation to prevent unintended permanent operation
- automatic safety switch-off at 90 °C to protect the cleaning items against excess temperatures
- indication of set values and actual values on LED display
- housing made of V2A stainless steel
- rollers (lockable on X-tra basic 1200 and larger) to facilitate moving the empty unit
- drain duct on the unit side, made of V2A stainless steel
- hinged flip-top cover (optional)

Technical data

Mains voltage (Vac)	230 - 240 V	Basket internal dimensions W/D/H (mm)	255 / 230 / 165
Mains connection	1 Ph. / 1N / 1 PE	Basket mesh size bottom (mm)	25 / 25 / 2,5
Power consumption total (W)	2310	Basket mesh size site (mm)	10 / 10 / 1,6
Ultrasonic power effective (W)	600	Basket loading max. (kg)	12
Ultrasonic peak performance max.* (W)	2400	Weight (kg)	42
Heating (W)	1700	Drain	3/4“
Unit outer dimensions W/D/H (mm)	405 / 449 / 800	Material tank	stainless steel V4A
Tank internal dimensions W/D/H (mm)	330 / 300 / 300	Material casing	stainless steel V2A
Tank max. volume (L)	30	Protection class	IP 23
Tank service volume (L)	22		

*The signal form of the wave results in a factor 4 for the ultrasonic peak max.

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Elmasonic X-tra basic 550

Ultrasonic cleaning unit

Version with Flip-top-cover

Elma Order Nos.

Elmasonic X-tra basic 550 (400 V)	102 6060
Elmasonic X-tra basic 550 (208 V)	103 0871
Lid (stainless steel)	102 6595
Flip-top-Cover (stainless steel)	102 6688
Basket (stainless steel)	102 6584
Further accessories on request	

Robust and powerful ultrasonic cleaning unit for industry and work shop. The Elmasonic X-tra basic series comprises 6 different unit sizes (300, 550, 800, 1200, 1600 and 2500). All units are equipped with multi-frequency (25/45 kHz, switchable), bottom sound and heating.

Product features

- ultrasonic tank made of extremely cavitation-proof stainless steel
- slanted tank floor to facilitate the draining of the cleaning liquid
- fixtures to hang the basket into the tank both in cleaning and dripping-off position
- sandwich-type performance transducer systems
- two ultrasonic frequencies available: 25 kHz for coarse and preliminary cleaning, and 45 kHz for fine cleaning
- integrated Sweep mode for a continuous shifting of sound field maxima, guarantees a more homogeneous sound field distribution in the bath
- activatable Pulse mode for an intensified ultrasonic cleaning power for tenacious contaminations; also the ope rational readiness of the unit (cavitational threshold reached) after an exchange of the cleaning liquid or after an exchange of baskets is optimized (through a shortening of the cleaning periods)
- heating with temperature control (30°C – 80°C)
- temperature-controlled ultrasonic operation: ultrasound starts automatically as soon as the preset temperature is reached
- automatic safety switch-off after 12 h operation to prevent unintended permanent operation
- automatic safety switch-off at 90 °C to protect the cleaning items against excess temperatures
- indication of set values and actual values on LED display
- housing made of V2A stainless steel
- rollers (lockable on X-tra basic 1200 and larger) to facilitate moving the empty unit
- drain duct on the unit side, made of V2A stainless steel
- hinged flip-top cover (optional)

Technical data

Mains voltage (Vac)	400 V / 208 V	Basket internal dimensions W/D/H (mm)	415 / 255 / 210
Mains connection	3 Ph. / 1N / 1 PE	Basket mesh size bottom (mm)	25 / 25 / 2,5
Power consumption total (W)	3910	Basket mesh size site (mm)	10 / 10 / 1,6
Ultrasonic power effective (W)	1000	Basket loading max. (kg)	25
Ultrasonic peak performance max.* (W)	4000	Weight (kg)	51
Heating (W)	2900	Drain	3/4“
Unit outer dimensions W/D/H (mm)	575 / 479 / 800	Material tank	stainless steel V4A
Tank internal dimensions W/D/H (mm)	500 / 330 / 350	Material casing	stainless steel V2A
Tank max. volume (L)	58	Protection class	IP 23
Tank service volume (L)	45		

*The signal form of the wave results in a factor 4 for the ultrasonic peak max.

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Elmasonic X-tra basic 800

Ultrasonic cleaning unit

Version with Flip-top-cover

Elma Order Nos.

Elmasonic X-tra basic 800 (400 V)	102 6979
Elmasonic X-tra basic 800 (208 V)	103 0871
Lid (stainless steel)	102 6595
Flip-top-Cover (stainless steel)	102 6688
Basket (stainless steel)	102 7349
Further accessories on request	

Robust and powerful ultrasonic cleaning unit for industry and work shop. The Elmasonic X-tra basic series comprises 6 different unit sizes (300, 550, 800, 1200, 1600 and 2500). All units are equipped with multi-frequency (25/45 kHz, switchable), bottom sound and heating.

Product features

- ultrasonic tank made of extremely cavitation-proof stainless steel
- slanted tank floor to facilitate the draining of the cleaning liquid
- fixtures to hang the basket into the tank both in cleaning and dripping-off position
- sandwich-type performance transducer systems
- two ultrasonic frequencies available: 25 kHz for coarse and preliminary cleaning, and 45 kHz for fine cleaning
- integrated Sweep mode for a continuous shifting of sound field maxima, guarantees a more homogeneous sound field distribution in the bath
- activatable Pulse mode for an intensified ultrasonic cleaning power for tenacious contaminations; also the operational readiness of the unit (cavitational threshold reached) after an exchange of the cleaning liquid or after an exchange of baskets is optimized (through a shortening of the cleaning periods)
- heating with temperature control (30°C – 80°C)
- temperature-controlled ultrasonic operation: ultrasound starts automatically as soon as the preset temperature is reached
- automatic safety switch-off after 12 h operation to prevent unintended permanent operation
- automatic safety switch-off at 90 °C to protect the cleaning items against excess temperatures
- indication of set values and actual values on LED display
- housing made of V2A stainless steel
- rollers (lockable on X-tra basic 1200 and larger) to facilitate moving the empty unit
- drain duct on the unit side, made of V2A stainless steel
- hinged flip-top cover (optional)

Technical data

Mains voltage (Vac)	400 V / 208 V	Basket internal dimensions W/D/H (mm)	400 / 255 / 360
Mains connection	3 Ph. / 1N / 1 PE	Basket mesh size bottom (mm)	25 / 25 / 2,5
Power consumption total (W)	6810	Basket mesh size site (mm)	10 / 10 / 1,6
Ultrasonic power effective (W)	1000	Basket loading max. (kg)	40
Ultrasonic peak performance max.* (W)	4000	Weight (kg)	55
Heating (W)	2 x 2900	Drain	3/4“
Unit outer dimensions W/D/H (mm)	575 / 479 / 800	Material tank	stainless steel V4A
Tank internal dimensions W/D/H (mm)	500 / 330 / 500	Material casing	stainless steel V2A
Tank max. volume (L)	83	Protection class	IP 23
Tank service volume (L)	70		

*The signal form of the wave results in a factor 4 for the ultrasonic peak max.

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Elmasonic X-tra basic 1200

Ultrasonic cleaning unit

Version with Flip-top-cover

Elma Order Nos.

Elmasonic X-tra basic 1200 (400 V)	102 7047
Elmasonic X-tra basic 1200 (208 V)	103 0872
Lid (stainless steel)	102 7330
Flip-top-Cover (stainless steel)	102 7297
Basket (stainless steel)	102 7350
Further accessories on request	

Robust and powerful ultrasonic cleaning unit for industry and work shop. The Elmasonic X-tra basic series comprises 6 different unit sizes (300, 550, 800, 1200, 1600 and 2500). All units are equipped with multi-frequency (25/45 kHz, switchable), bottom sound and heating.

Product features

- ultrasonic tank made of extremely cavitation-proof stainless steel
- slanted tank floor to facilitate the draining of the cleaning liquid
- fixtures to hang the basket into the tank both in cleaning and dripping-off position
- sandwich-type performance transducer systems
- two ultrasonic frequencies available: 25 kHz for coarse and preliminary cleaning, and 45 kHz for fine cleaning
- integrated Sweep mode for a continuous shifting of sound field maxima, guarantees a more homogeneous sound field distribution in the bath
- activatable Pulse mode for an intensified ultrasonic cleaning power for tenacious contaminations; also the ope rational readiness of the unit (cavitational threshold reached) after an exchange of the cleaning liquid or after an exchange of baskets is optimized (through a shortening of the cleaning periods)
- heating with temperature control (30°C – 80°C)
- temperature-controlled ultrasonic operation: ultrasound starts automatically as soon as the preset temperature is reached
- automatic safety switch-off after 12 h operation to prevent unintended permanent operation
- automatic safety switch-off at 90 °C to protect the cleaning items against excess temperatures
- indication of set values and actual values on LED display
- housing made of V2A stainless steel
- rollers (lockable on X-tra basic 1200 and larger) to facilitate moving the empty unit
- drain duct on the unit side, made of V2A stainless steel
- hinged flip-top cover (optional)

Technical data

Mains voltage (Vac)	400 V / 208 V	Basket internal dimensions W/D/H (mm)	490 / 525 / 200
Mains connection	3 Ph. / 1N / 1 PE	Basket mesh size bottom (mm)	25 / 25 / 2,5
Power consumption total (W)	7620	Basket mesh size site (mm)	10 / 10 / 1,6
Ultrasonic power effective (W)	1800	Basket loading max. (kg)	50
Ultrasonic peak performance max.* (W)	7200	Weight (kg)	78
Heating (W)	2 x 2900	Drain	3/4“
Unit outer dimensions W/D/H (mm)	676 / 750 / 800	Material tank	stainless steel V4A
Tank internal dimensions W/D/H (mm)	600 / 600 / 350	Material casing	stainless steel V2A
Tank max. volume (L)	126	Protection class	IP 23
Tank service volume (L)	97		

*The signal form of the wave results in a factor 4 for the ultrasonic peak max.

Technische u. optische Änderungen vorbehalten Elma_ch_07/09

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Elmasonic X-tra basic 1600

Ultrasonic cleaning unit

Version with Flip-top-cover

Elma Order Nos.

Elmasonic X-tra basic 1600 (400 V)	102 7732
Elmasonic X-tra basic 1600 (208 V)	103 0873
Lid (stainless steel)	102 7330
Flip-top-Cover (stainless steel)	102 7297
Basket (stainless steel)	102 7351
Further accessories on request	

Robust and powerful ultrasonic cleaning unit for industry and work shop. The Elmasonic X-tra basic series comprises 6 different unit sizes (300, 550, 800, 1200, 1600 and 2500). All units are equipped with multi-frequency (25/45 kHz, switchable), bottom sound and heating.

Product features

- ultrasonic tank made of extremely cavitation-proof stainless steel
- slanted tank floor to facilitate the draining of the cleaning liquid
- fixtures to hang the basket into the tank both in cleaning and dripping-off position
- sandwich-type performance transducer systems
- two ultrasonic frequencies available: 25 kHz for coarse and preliminary cleaning, and 45 kHz for fine cleaning
- integrated Sweep mode for a continuous shifting of sound field maxima, guarantees a more homogeneous sound field distribution in the bath
- activatable Pulse mode for an intensified ultrasonic cleaning power for tenacious contaminations; also the ope rational readiness of the unit (cavitational threshold reached) after an exchange of the cleaning liquid or after an exchange of baskets is optimized (through a shortening of the cleaning periods)
- heating with temperature control (30°C – 80°C)
- temperature-controlled ultrasonic operation: ultrasound starts automatically as soon as the preset temperature is reached
- automatic safety switch-off after 12 h operation to prevent unintended permanent operation
- automatic safety switch-off at 90 °C to protect the cleaning items against excess temperatures
- indication of set values and actual values on LED display
- housing made of V2A stainless steel
- rollers (lockable on X-tra basic 1200 and larger) to facilitate moving the empty unit
- drain duct on the unit side, made of V2A stainless steel
- hinged flip-top cover (optional)

Technical data

Mains voltage (Vac)	400 V / 208 V
Mains connection	3 Ph. / 1N / 1 PE
Power consumption total (W)	9520
Ultrasonic power effective (W)	2000
Ultrasonic peak performance max.* (W)	8000
Heating (W)	3 x 2500
Unit outer dimensions W/D/H (mm)	676 / 750 / 800
Tank internal dimensions W/D/H (mm)	600 / 600 / 450
Tank max. volume (L)	162
Tank service volume (L)	133

Basket internal dimensions W/D/H (mm)	480 / 525 / 300
Basket mesh size bottom (mm)	25 / 25 / 2,5
Basket mesh size site (mm)	10 / 10 / 1,6
Basket loading max. (kg)	50
Weight (kg)	85
Drain	3/4“
Material tank	stainless steel V4A
Material casing	stainless steel V2A
Protection class	IP 23

*The signal form of the wave results in a factor 4 for the ultrasonic peak max.

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Elmasonic X-tra basic 2500

Ultrasonic cleaning unit

Version with Flip-top-cover

Elma Order Nos.

Elmasonic X-tra basic 2500 (400 V)	102 7776
Elmasonic X-tra basic 2500 (208 V)	103 0874
Lid (stainless steel)	102 7332
Flip-top-Cover (stainless steel)	102 7305
Basket (stainless steel)	102 7352
Further accessories on request	

Robust and powerful ultrasonic cleaning unit for industry and work shop. The Elmasonic X-tra basic series comprises 6 different unit sizes (300, 550, 800, 1200, 1600 and 2500). All units are equipped with multi-frequency (25/45 kHz, switchable), bottom sound and heating.

Product features

- ultrasonic tank made of extremely cavitation-proof stainless steel
- slanted tank floor to facilitate the draining of the cleaning liquid
- fixtures to hang the basket into the tank both in cleaning and dripping-off position
- sandwich-type performance transducer systems
- two ultrasonic frequencies available: 25 kHz for coarse and preliminary cleaning, and 45 kHz for fine cleaning
- integrated Sweep mode for a continuous shifting of sound field maxima, guarantees a more homogeneous sound field distribution in the bath
- activatable Pulse mode for an intensified ultrasonic cleaning power for tenacious contaminations; also the ope rational readiness of the unit (cavitational threshold reached) after an exchange of the cleaning liquid or after an exchange of baskets is optimized (through a shortening of the cleaning periods)
- heating with temperature control (30°C – 80°C)
- temperature-controlled ultrasonic operation: ultrasound starts automatically as soon as the preset temperature is reached
- automatic safety switch-off after 12 h operation to prevent unintended permanent operation
- automatic safety switch-off at 90 °C to protect the cleaning items against excess temperatures
- indication of set values and actual values on LED display
- housing made of V2A stainless steel
- rollers (lockable on X-tra basic 1200 and larger) to facilitate moving the empty unit
- drain duct on the unit side, made of V2A stainless steel
- hinged flip-top cover (optional)

Technical data

Mains voltage (Vac)	400 V / 208 V	Basket internal dimensions W/D/H (mm)	630 / 575 / 365
Mains connection	3 Ph. / 1N / 1 PE	Basket mesh size bottom (mm)	25 / 25 / 2,5
Power consumption total (W)	9520	Basket mesh size site (mm)	10 / 10 / 1,6
Ultrasonic power effective (W)	2000	Basket loading max. (kg)	50
Ultrasonic peak performance max.* (W)	8000	Weight (kg)	97
Heating (W)	3 x 2500	Drain	1“
Unit outer dimensions W/D/H (mm)	826 / 800 / 800	Material tank	stainless steel V4A
Tank internal dimensions W/D/H (mm)	750 / 650 / 520	Material casing	stainless steel V2A
Tank max. volume (L)	255	Protection class	IP 23
Tank service volume (L)	215		

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