

# Elmasonic X-tra 250 LSM

## Elmasonic ultrasonic cleaning units

### Elma Order Nos

X-tra 250 LSM 230V with cooling coil	101 3543
X-tra 250 LSM 230V without cooling coil	101 1558
Stainless steel basket EK 250 inner dimensions B x D x H 290x260x140	120 800 0684
Stainless steel cover ED 250	100 7276
Stainless steel cover EDO 250	101 3688
Frame	100 4951
Pump-filter aggregate stainless steel	101 3675
Suction add-on unit for suction device around the edges	101 1713



Ultrasonic cleaning unit for the cleaning in flammable liquids with a flash point above 55 °C. The unit has been set by the manufacturer specifically for the use of the intended cleaning liquid and the limit temperature depending thereon. Other than that, ultrasonic cleaning with aqueous media without flash point is possible. The new Elmasonic X-tra LSM units are available in 2 different sizes.

### Product features:

- Ultrasonic generator with automatic frequency switch-over at a manually selected frequency of 25 or 45 kHz
- Stepless variable ultrasonic power (regulation by hand)
- Temperature control with digital indication of actual and set values from 25 °C up to the top limit of the available temperature range.
- Built-in explosion protection against the forming of an explosive atmosphere (primary explosion protection). This primary explosion protection is effected by the following safety devices for the switch-off of the unit in case of:
  1. Exceeding of the limit temperature set by the manufacturer.
  2. Break-down or insufficient functioning of the integrated technical ventilation of the housing inside.
  3. Sinking below a minimum level of the cleaning liquid.

### Technical Data

Ultrasonic frequency variable (kHz)	25 / 45	Material tank	stainless steel 1.4301
Power consumption total (W)	1100	Material housing	stainless steel 1.4301
Ultrasonic power effective (W)	300	Tank service volume (liter)	21
Mains voltage (Vac)	220-240	Drain	1"
Mains connection	1 phase earthing contact	CE Guideline 73/23 EWG (EEC)	√
Timer 15 min/permanent operating mode	√	CE Guideline 89/336 + 91/263 + 92/31 + 93/68 / EWG (EEC)	√
Degas function	√	CE-compliant	√
Heating power (W)	700		
Unit outer dimensions total W x D x H (mm)	495 x 667 x 566		
Tank dimensions W x D x H (mm)	347 x 331 x 250		
Tank volume total (liter)	28		

# Elmasonic X-tra 550 LSM

## Elmasonic ultrasonic cleaning units

### Elma Order Nos

X-tra 550 LSM with cooling coil	101 337
X-tra 550 LSM without cooling coil	101 1532
Stainless steel basket EK 550 inner dimensions B x D x H 424x244x204	120 800 0685
Stainless steel cover ED 550	100 7167
Stainless steel cover EDO 550	101 7240
Frame	100 4647
Pump-filter aggregate with connection socket	101 3675
Suction add-on unit for suction device around the edges	101 1711



Ultrasonic cleaning unit for the cleaning in flammable liquids with a flash point above 55 °C. The unit has been set by the manufacturer specifically for the use of the intended cleaning liquid and the limit temperature depending thereon.

Other than that, ultrasonic cleaning with aqueous media without flash point is possible. The new Elmasonic X-tra LSM units are available in 2 different sizes.

### Product features:

- Ultrasonic generator with automatic frequency switch-over at a manually selected frequency of 25 or 45 kHz
- Stepless variable ultrasonic power (regulation by hand)
- Temperature control with digital indication of actual and set values
- Built-in explosion protection against the forming of an explosive atmosphere (primary explosion protection). This primary explosion protection is effected by the following safety devices for the switch-off of the unit in case of:
  1. Exceeding of the limit temperature set by the manufacturer.
  2. Break-down or insufficient functioning of the integrated technical ventilation of the housing inside.
  3. Sinking below a minimum level of the cleaning liquid.

### Technical Data

Ultrasonic frequency variable (kHz)	25 / 45	Unit outer dimensions total W x D x H (mm)	495 x 835 x 566
Power consumption total (W)	1700	Tank dimensions W x D x H (mm)	347 x 502 x 360
Ultrasonic power effective (W)	400	Tank volume total (liter)	60
Mains voltage (Vac)	220-240	Drain	1"
Mains connection	1 phase earthing contact	Weight empty (approx. kg)	41
Timer 15 min/permanent operating mode	√	Material tank	1.4301
Stepless regulation ultrasonic power	√	Material housing	stainless steel 1.4301
Degas function	√	CE-compliant	√
Heating power (W)	1200		
Temperature control	from 25 °C up to the top limit of the available temperature range		