



Elmasonic X-tra line

Semi-automatic or manual ultrasonic cleaning systems

Our modular concept consists of standardized components – from ultrasound equipment, transport systems and enclosures to ancillary devices. Thus these modular systems are easily and quickly upgradeable in response to changed cleaning requirements.



*X-tra line pro manual
with 3 ultrasonic units and 1 rinsing unit*



*X-tra line pro manual
with rinsing station*

- Multi-frequency technology:
25/45 or 37/130 kHz
- Sweep-function for optimal cleaning results
- Degas-function
for quick degassing, esp. of a fresh cleaning bath
- Individually activatable Pulse-function
for increased performance with difficult cleaning tasks
- Cleaning lines have a compact design and can be easily
integrated into existing production processes
- Matching accessories, such as baskets and rinse station
- Optional ancillaries such as oil separator, filter pump units,
etc.
- Easy to upgrade for automatic cleaning
- Highly cost-efficient cleaning line concept





Elmasonic X-tra line



Fully-automated and optionally enclosed cleaning systems

The modular Elmasonic X-tra pro and precision series are multi-frequency systems with 25/45 or 37/130 kHz, offering 5 tank sizes. Ideally for fine and ultra-fine cleaning of industrial precision parts.

All cleaning lines are ready for extensions as loading and unloading conveyors, etc. Furthermore a wide range of accessories like baskets, etc. is available. Accessories may also be added later on to adapt the system to changed requirements.

Equipped with sophisticated technology

- Ultrasonic units are basically equipped with bottom ultrasound; optionally units with additional lateral ultrasound are available
- Individual power control integrated
- Individually activatable Pulse-function for increased performance with difficult cleaning tasks
- Sweep-function for an even sound field distribution and optimal cleaning results
- Degas-function for quick degassing, esp. of a fresh cleaning bath
- Rounded tank corners, electropolished tank surfaces and specially designed hard piping for optimised drainage and to prevent entrainments



Sustainable energy efficiency

- All units are sound and heat insulated
- Automated systems have a weekly time switch for starting and shutting down the system automatically
- Cascaded, connected cleaning tanks to reduce water consumption

Modular software and user-friendly visualization

- IPC-based control
- Data-logger, OEE, trend analysis, SMS messenger and energy management
- Optional use of manual or automatic barcode/data-matrix code scanners or RFID-systems
- Connection to MES or customer IT-systems possible
- Touch panel for a user-friendly visualization of the control surface