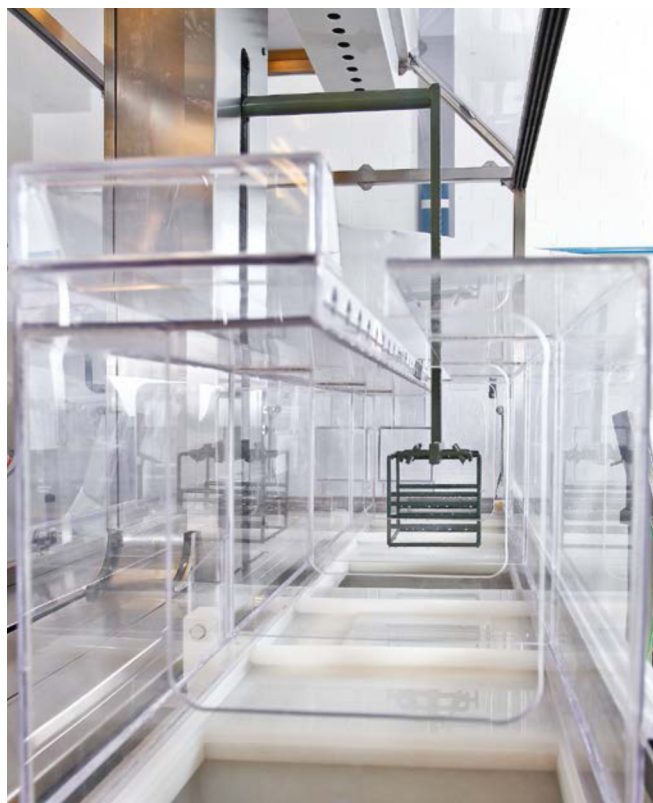


LCT Compact Units



LCT Compact Units – Individual Solutions – Compact Design

Cleanliness at the intermediate or final cleaning stage of high-quality products or components is a critical quality criterion.

The cleaning cycles must be reproducible and individually adaptable to each product.

The LCT Compact Units combine these features through modular design, DUAL frequency technology and a user-friendly state-of-the-art machine interface.

The broad range of applications ensures maximum flexibility. The large selection of different tank sizes, ultrasonic frequencies and optional features such as closed-loop filtration, oil separators, water treatment, housings, oscillation, or loading and unloading conveyors leave nothing to be desired.

- 4 standard tank sizes
- Leading edge technology with DUAL ultrasonic frequencies: 27 & 80 kHz, 30 & 60 kHz or 40 & 100 kHz
- PL Ccontrol
- Automatic, reproducible process flows
- Touch panel as the machine interface
- Wide range of optional features
- Process-specific applications

Component holder with multiple baskets



Machine interface



Unloading station



| Specifications: Standard Models | | | | | |
|---------------------------------|--------|--------------------------|-------------------------|-------------------------|-----------------|
| Tank size | Liters | 35 | 50 | 100 | 180 |
| Maximal basket size | mm | 280 x 230 x 150 | 280 x 230 x 250 | 460 x 280 x 250 | 460 x 280 x 500 |
| Maximum load | kg | 10 | 10 | 15 | 15 |
| DUAL ultrasonic frequencies | KHz | 27 & 80/30 & 60/40 & 100 | | | |
| Ultrasonic transducer positions | | Bottom | Bottom or bottom & side | Bottom or bottom & side | Bottom & side |
| Ultrasonic power | Watts | 1000 | 1000 or 1500 | 1000 or 1500 | 3000 |
| Tank heating | °C | 30 – 90 | | | |
| Hot-air dryer | °C | 30 – 120 | | | |

| Optional Features | |
|---|---|
| Cascade rinsing | ✓ |
| Vertical basket oscillation | ✓ |
| Lift-out | ✓ |
| Automatic loading/unloading conveyor | ✓ |
| Loading/unloading gates | ✓ |
| Closed-loop filtration | ✓ |
| DI water treatment system | ✓ |
| Bar code scanner | ✓ |
| Qualification: DQ,IQ,OQ,PQ(support) | ✓ |
| FDA-compatible control system (21 CFR11 Electronic Records/Signatures 21 CFR820 Quality Systems Regulation) | ✓ |
| Automated process protocols | ✓ |
| Automatic lid | ✓ |
| Vacuum dryer | ✓ |
| Automatic dosing of the cleaning media | ✓ |
| Adaptation for chemical and electrochemical processes | ✓ |

*The units are manufactured to order and adapted to the customer's specific cleaning needs

