

KKS 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 KKS 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
- PLC control
- 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



KKS Compact Units

 Swiss Quality



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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 CFR 11 Electronic Records / Signatures 21 CFR 820 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



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