

Precision Cleaning for Complex Small Parts

UCMIndexLine

The compact UCMIndexLine rotary indexing system combines six flexible cleaning and rinsing stations (with and without ultrasound) for complete aqueous precision cleaning processes. It is specially designed for the smallest and complex components and allows any process sequence.



The UCMIndexLine is a very compact rotary indexing system with six cleaning stations for precision cleaning on an aqueous basis. With the integrated cleaning and rinsing stations, with and without ultrasound, almost all processes can be mapped. Thus, any process sequence as well as any number of process sequences can be represented. The system is especially designed for very small and complex components.

FEATURES AND BENEFITS

- + Designed for cleaning small mechanical parts:**
Ultrasound technology with interchangeable vessels
- + Vacuum-based cleaning:** Pulsated Pressure Cleaning (PPC) as an option
- + Maximum process flexibility:** up to 1,000 programs with up to 30 phases storable
- + Automated quality control and documentation:**
continuous monitoring of temperature and liquid level, as well as optional process recording for statistics, history, and verification purposes
- + Compact, maintenance-friendly design:** less than 1 m² footprint, easily accessible maintenance areas





- Medical technology e.g. for implants, surgical tools, medical instruments, dental technology, 3D printing
- Thin film coating (PVC/CVD) e.g. for tools, automotive parts, fittings
- Precision optics e.g. for micro optics, lenses, mirrors, prisms, masks
- Precision mechanics / precision parts e.g. for aircraft, automotive parts, watches, jewelry



EQUIPMENT

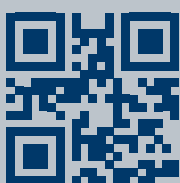
- Spinning of the basket with programmable speed
- Freely programmable cycle times
- CU-4000 control
- System operation via 6,5" LCD touch screen

EQUIPMENT VARIANTS

- Basic model with / without vacuum as well as rinsing without conductivity measurement and one ultrasonic channel

OPTIONS

- Vacuum cleaning PPC
- Conductivity measurement with certificate
- Different ultrasound frequencies
- Process monitoring and documentation "SCADA"
- Barcode / QR code reader



www.ucm-ag.com

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