

Precision Cleaning for Complex Small Parts

UCMIndexLine



UCM

technology that inspires



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.

Ultrasound and Pulsated Pressure Cleaning

The Swiss UCM AG, based in Rheineck on Lake Constance, is part of the SBS Ecoclean Group. With the brands Ecoclean and UCM, we are globally leading in industrial cleaning technology. From pre-cleaning and intermediate cleaning to requirements from final cleaning - with our innovative solutions we cover the complete spectrum of industrial cleaning applications.

UCMIndexLine

- Designed for cleaning small mechanical parts
- Ultrasound technology with interchangeable vessels
- Cleaning under vacuum with Pulsated Pressure Cleaning (PPC)
- Spinning of the basket with programmable speed
- Automatic control of temperature and liquid level
- Freely programmable cycle times
- Up to 1,000 programs with up to 30 phases storable
- CU-4000 control
- System operation via 6,5" LCD touch screen
- Extremely compact system (< 1m²)
- Maintenance friendly design
- Process registration for statistics, history and quality control available (option)

Typical applications

- 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 variants

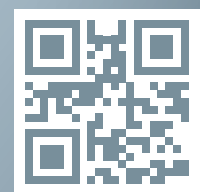
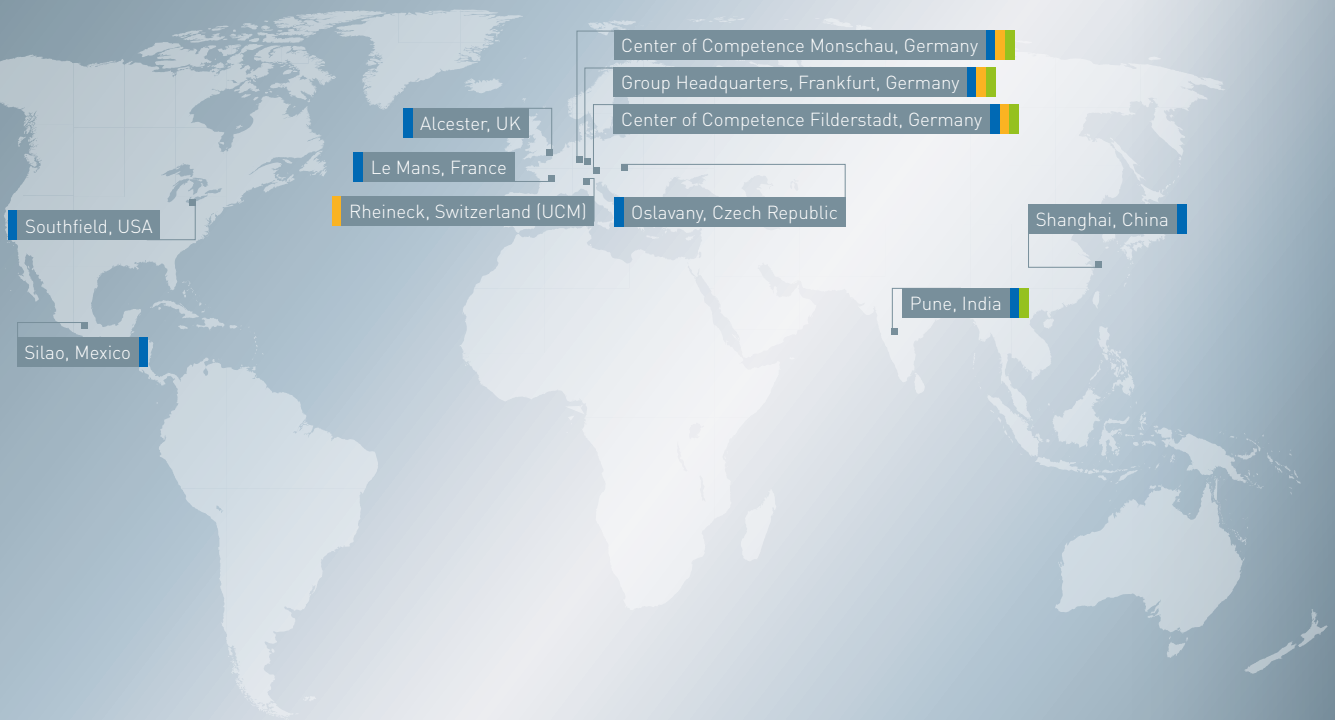
- Basic model with / without vacuum as well as rinsing without conductivity measurement and one ultrasonic channel

Options

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



Our Locations Worldwide



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