

SYSTRONIC CLEANING SYSTEMS

INTELLIGENT CONCEPTS – COMPREHENSIVE SERVICE



CLEANING SYSTEMS



CL 400

This single-chambered cleaning system in stainless steel design makes the start into automatic cleaning for small up to middle throughput of STENCILS easy and efficient. The expandable module concept CL 400 offers cleaning, rinsing and drying within a compact system. At any time, as well as later on site, it can be set up to your needs. Operated and programmed by a touch-screen, the PLC controlled system can be controlled via data logging.



CL 300

The functional single-chamber spraying system is especially suitable for middle to high throughput of SOLDER FRAMES and CONDENSATE FLUX TRAPS. This system can be loaded ergonomically by a three-way loadable frame holder cart. Stable stainless steel design, low maintenance requirements, easy handling, short process times and a special designed drying concept with high air exchange make the CL 300. The system is PLC controlled and can be operated and programmed via touch-screen.

CL 500

This fully automatic high-end three-chambered cleaning system is ideal for middle up to high throughput of STENCILS. It allows the cleaning of misprints and stencils within the same process. The three cleaning procedures take place in separate chambers. Short cycle times arise from simultaneous cleaning and drying. The CL 500 in stainless steel design offers you a perfect separation of the media: a savings effect because of low mixing and evaporation which pays. Via PLC control several cleaning programs can be stored and the actions are completely followed-up via data logging.



CL 800

Fully detailed cleaning of SOLDER FRAMES and CONDENSATE FLUX TRAPS: The single-chambered immersion process with flowing round and air bubble effect for middle and high throughput is a compact system in stainless steel design with low space requirements. One of the many advantages can be seen in the loading process in an empty chamber: The CL 800 enables you to place the components within one chamber in an optimized manner without the user getting in touch with the cleaning liquid and are immobile during the cleaning process. All usual cleaning liquid developed on aqueous basis can be used in this fully automatic process of cleaning, rinsing and drying.



CL 152-2000

Gentle cleaning for your SCREENS: With the fully automatic screen cleaning system CL 152-2000 a system for middle up to high throughput of highest quality is at your disposal. Within a 4-phase-process the screens will be cleaned, rinsed and dried with solvent based liquid. At any time retrofitting to aqueous liquids is possible. An optimized reproducible cleaning result is guaranteed. On request, the complete pneumatically controlled system in stainless steel design can of course be delivered in ATEX.



CL 830

The immersion process with air bubble effect: The optimized cleaning process of SOLDER FRAMES and CONDENSATE FLUX TRAPS for the small up to middle throughput. The single-chambered cleaning system of the CL 830 with flowing round effect guarantees the user not to get in touch with the liquid. In a mobile unit in stainless steel design the cleaning basin and the storage tank for the cleaning liquid are situated. The rinsing takes place by hand shower. An external compressed-air pistol allows intensive drying. Easy handling and low maintenance requirements.

TECHNICAL DATA

	CL 400 single chambered system	CL 500 three chambered system	CL 152-2000 single chambered system	CL 800 single chambered system	CL 830 single chambered system	CL 300 single chambered system
dimensions (mm)						
length	1500	2500	750	1800	1600	1350
width	940	900	1300 (2450)	1330	800	1300
height	1465	1465	2000	1500	900	1780
max. frame size (mm)						
height	800	750	800	950	950	600
width	800	750	800	550 x 550	550 x 550	600 x 600
compressed air						
pressure	6-8 bar		6-8 bar	6-8 bar	6-8 bar	6-8 bar
connections	1		2	1	1	1
dimension	13 mm		13 mm	13 mm	13 mm	13 mm
consumption	only control		800 l / min (while drying)	only control	only control	only control
exhaust						
dimension	100 mm	100 mm	100 mm	100 mm		200 mm
consumption	200 m ³ / h	200 m ³ / h	400 m ³ / h	200 m ³ / h		500 m ³ / h
max. tank level						
cleaning tank	75 l	75 l	65 l	ca. 350 l	ca. 260 l	100l
rinsing tank	50 l (Opt.)	60 l	50 l	ca. 100 l	–	100l
pumping power						
cleaning	85 l / min	85 l / min	85 l / min	70 l / min	85 l / min	75 l / min
rinsing	66 l / min (opt.)	66 l / min	66 l / min	66 l / min	66 l / min	33 l / min
weight	approx. ca. 350 kg	approx. ca. 450 kg	approx. ca. 450 kg	approx. ca. 500 kg	approx. ca. 250 kg	approx. ca.480 kg
electrical power						
tension	3 x 400 V / 50 Hz	3 x 400 V / 50 Hz	–	3 x 400 V / 50 Hz	3 x 400 V / 50 Hz	3 x 400 V / 50 Hz
power	22 kW (max.)	22 kW (max.)	–	22 kW (max.)	10 kW (max.)	22 kW (max.)
filter drawer						
fleece filter	1	1	4	1	1	1
texture filter	1	1	2	1	1	1
inlet filter						
cleaning (optional)	1 cartridge filter 20 "	1 cartridge filter 20 "	3 cartridge filter 10 "	1 cartridge filter 20 "	1 cartridge filter 20 "	1 cartridge filter 20 "
rinsing (optional)	1 cartridge filter 20 "	1 cartridge filter 20 "	1 cartridge filter 20 "	1 cartridge filter 20 "	–	1 cartridge filter 20 "
cleaning liquid	water based	water based	solvent based	water based	water based	water based
noise	< 69 dBA	< 69 dBA	< 69 dBA	< 69 dBA	< 69 dBA	< 69 dBA