

Standard equipment

- Single chamber
- 10,1" touchscreen display
- 100% closed loop circuit
- 2 Tanks, 3 Pumps
- 2 vertical CSR (Cepter Spray Rotor)
- Coarse filter inside process chamber, Sediment filter inside fluid tanks
- Fine 10" filter in each circuit
- Air heater with high air volume blower
- Electric safety door lock
- Fluid leakage tray in stainless steel
- Status light
- Complete machine body in stainless steel
- Cleaning fluid heater, rinsing 1 fluid heater
- Conductivity measurement - rinse circuit
- Cartridges for deionized and demineralized water
- Active Carbon filter

Optional equipment

- 3 Tanks, 4 Pumps
- Rinsing 2 fluid heater
- MixAssist system – easy & accurate mixing water with cleaning agent
- Special carrier/frame upon customer request
- Leakage warning system

Technical data	
Machine Dimensions ¹	W 900 mm x D 1.500 mm x H 1.870 mm
External regeneration unit ²	W 335 mm x D 925 mm x H 1100 mm
Chamber dimensions	W 400 mm x D 1000 mm x H 1000 mm
Usable chamber space	W 50 mm x D 970 mm x H 880 mm
Volume cleaning tank	50 l
Volume rinsing tank 1,2	50 l, 35 l (option)
Exhaust connection	Ø 100 mm
Power supply	400 V AC, 25A / 3 Ph / 50 Hz
Control system	10,1" touchscreen
Conductivity range	0-300 µS
Temperature range cleaning	adjustable up to 65°C
Temperature range rinsing 1,2	adjustable up to 40°C
Temperature range drying	up to 90°C
Filter system	3-stage: 1.Main filter <2 mm; 2.Coarse filter (inside fluid tank); 3.Fine filter 10" 5–200 µm))
Noise level	< 70 dB
Weight	430 kg ¹ + 80 kg ²

* Product availability, apperance, technical specifications and details are subjected to continuous development. As such, we accept no liability for errors, omissions or changes to this information.

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Authorized distributor:



Cepter
Cleaning Solutions

PRECISION CLEANING Elektron 400-VC

Fully automatic single chamber
cleaning system for:

- PCBs,
- DCBs,
- Hybrids,
- SDIs,
- SIPs,
- Misprints

Other models:
ELEKTRON 170 ULTRA II
ELEKTRON 250-HC
ELEKTRON 360-HC



Made in Slovenia

OVERVIEW

Cepter ELEKTRON 400-VC is a compactly designed system for precision cleaning in a full stainless steel with integrated smart solutions to achieve high productivity and low operating costs. It is engineered and produced in Slovenia.

FEATURES

- **MixAssist** system - easy way of accurate mixing water with cleaning agent
- Two (optional 3) tanks system with two (optional 3) separate circuit functions
- Vertical rotor system with two **CSR** (Cepter Spray Rotors)
- Fully automatic process: cleaning rinsing - drying
- 100% closed circuit process no water/waste water connection required
- Software controll via 10,1" touchscreen display
- 100% stainless steel design

APPLICATIONS

- PCBs
- DCBs
- Hybrids
- SDIs
- SIPs
- Misprints



Touch screen display.



PROCESS DESCRIPTION

ELEKTRON 400-VC is a fully automatic system for precision cleaning. Fully automatic single chamber 2-step process cleaning system:

- Cleaning/Rinsing process: cleaning (1) and rinsing (2) fluids are pumped from separate tanks to CSR (Cepter Spray Rotors) with special nozzles. Efficient cleaning of materials is achieved and ensured by Rotor design. Fluid circulates in loop through filter system (3) to remove contamination for rinsing process.
- Drying process: thoroughly cleaned materials are then efficiently dried. This is achieved by a highly efficient combination of hot air ventilation system (4)

