

#### Standard equipment

- Single chamber
- 10,1" touchscreen display
- 100% closed loop circuit
- 2 Tanks, 3 Pumps
- 2 horizontal 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 trolley upon customer request
- Leakage warning system

Technical data	
Machine dimensions <sup>1</sup>	W 1.100 mm x D 1.300 mm x H 1.750 mm
External regeneration unit <sup>2</sup>	W 335 mm x D 925 mm x H 1100 mm
Chamber dimensions	W 700 mm x D 800 mm x H 850 mm
Usable space in mm (WxDxH)	Lower basket 630x750x290, Upper basket 630x750x270
Volume cleaning tank	65 l
Volume rinsing tank 1,2	65 l, 35 l
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	470 kg <sup>1</sup> + 80 kg <sup>2</sup>

\* Product availability, appearance, 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 360

**Fully automatic single chamber  
cleaning system for:**

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

**Other models:  
ELEKTRON 170 ULTRA II  
ELEKTRON 250  
ELEKTRON 400-VC**



Made in Slovenia



## OVERVIEW

**Cepter ELEKTRON 360-HC** is a compactly designed precision cleaning system in a full stainless steel with integrated smart solutions to achieve high productivity and low operating costs. It is completely engineered and produced in Slovenia.

## FEATURES

- **MixAssist** system - easy way of accurate mixing water with cleaning agent
- Two (optional 3) tanks system with two separate circuit functions
- Horizontal 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
- 100% stainless steel design

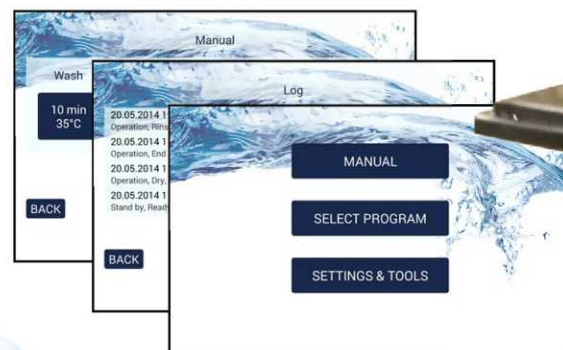
## APPLICATIONS

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

## PROCESS DESCRIPTION

**ELEKTRON 360-HC** is a fully automatic cleaning system for precision cleaning.

- Cleaning/Rinsing process: cleaning (1) and rinsing (2) fluids are pumped from separate tanks to CSR (Cepter Spray Rotors) with special nozzles. Rotor design ensures efficient cleaning of materials. Fluid circulates in 1st 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)



Touch screen display.

