

### 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
- 2 Air heaters 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
- Cartridge 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	
Dimensions	W 1.000 mm x D 1.600 mm x H 1.750 mm
Chamber dimensions	W 600 mm x D 630 mm x H 750 mm
Usable space in mm (WxDxH)	Lower basket 530x600x250, Upper basket 530x600x240
Volume cleaning tank	50 l
Volume rinsing tank 1,2	50 l, 35 l
Exhaust connection	Ø 100 mm
Power supply	400 V AC, 25A / 3 Ph / 50 Hz
Power consumption	ca. 3,9 kW
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

\* 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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## PRECISION CLEANING Elektron 250-HC

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

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

**Other models:**  
**ELEKTRON 170 ULTRA II**  
**ELEKTRON 360-HC**  
**ELEKTRON 400-VC**



Made in Slovenia



## OVERVIEW

Cepter ELEKTRON 250-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

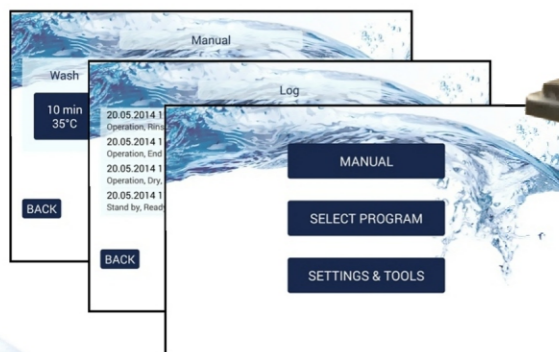
## APPLICATIONS

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

## PROCESS DESCRIPTION

**ELEKTRON 250-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.

