

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



PRECISION CLEANING Elektron 250

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

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

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



| Technical data | |
|---|--|
| Machine dimensions ¹ | W 1.000 mm x D 1.200 mm x H 1.650 mm |
| External regeneration unit ² | W 335 mm x D 925 mm x H 1100 mm |
| Chamber dimensions | W 600 mm x D 630 mm x H 750 mm |
| Usable space in mm (WxDxH) | Lower basket 520x600x230, Upper basket 520x600x230 |
| 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 | 415 kg ¹ + 80 kg ² |

* 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:

Made in Slovenia

OVERVIEW

Cepter ELEKTRON 250 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 control via 10,1" touchscreen
- 100% stainless steel design

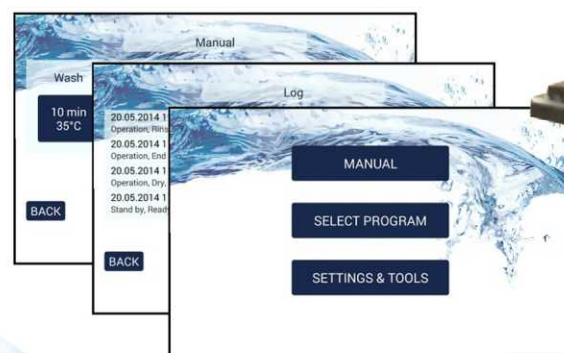
APPLICATIONS

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

PROCESS DESCRIPTION

ELEKTRON 250 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.

