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Industrial | Pharma | Analytical | Life Science

# PICOVISION-100 / PV-100 SERIES

Enables **high-resolution imaging** with a space-saving design and user-friendly operation for reliable **SEM analysis**.

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## PicoVision-100 / PV-100 Series

The PV-100 is our entry-level tabletop SEM featuring a tungsten filament electron source, designed for laboratories where space is at a premium. Despite its compact size, it does not compromise on features. The PV-100 comes with a 5-axis stage, and the new GUI simplifies operation while enabling both novice and expert users to easily obtain high-quality images.

With an effective magnification of up to 70,000x, the PV-100 is ideal for routine imaging at medium and low magnifications.

### 100 Series PicoVision



- Sample exchange time within 60s
- Magnification 20 x to 300,000 x
- Cost effective compared to others
- Motorized 5-axis X(, Y, Z, R, T) stage
- Available simple and fast installation

### SPECIFICATIONS

- Electron source: Tungsten filament
- Resolution: 5.0 nm
- Magnification: 20 x to 300,000 x
- Effective magnification: ~70,000 x
- Electron gun vacuum:  $10^{-6}$  Torr
- Motorized Stage: Chamber type (X,Y,Z,R,T) 50,50,30mm, 360°, -10°~90°
- Vacuum system: Rotary pump, TMP
- Main System Weight (kgs): 98 kgs



## Options

- SE (PV-100)
- SE & EDS (PV-100<sup>+</sup>)
- SE & BSE (PV-150)
- SE, BSE&EDS (PV-150<sup>+</sup>)

