

PV-100
PE-100
PE-300

Modular Instrumentation
for Nano-Bio Imaging

01 PV-100

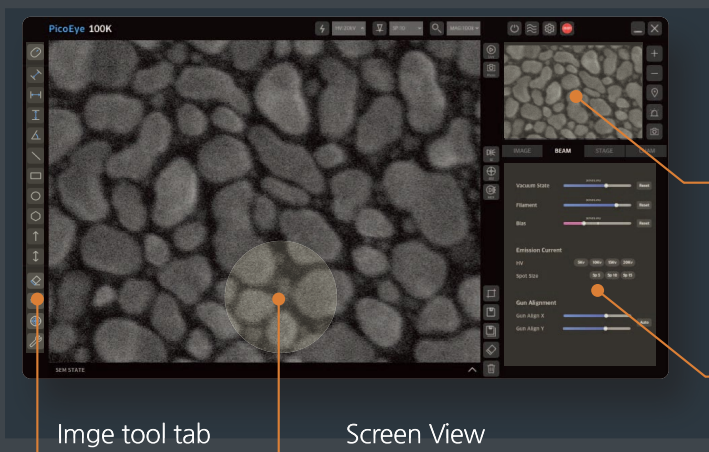
Dimension(mm).	430x600x670 (W x L x H)
Electron source	Tungsten filament
Resolution	4nm
Magnification	x20 ~ x300,000
Electron gun vac. system	10-6torr
Accelerating voltage	1 ~ 30Kv
Motorized Stage	X: 50mm Y: 50mm Z: 40mm T: -10° ~ 90° R: 360°
Option	5-Axis Motorized BSE, EDS, navigation



Features

- Vent/Pump in less than 2 minutes
- Constitutes reasonable price, convenience, and stability.
- Constitutes a wide chamber and a 5-axis stage.

| Open application interface



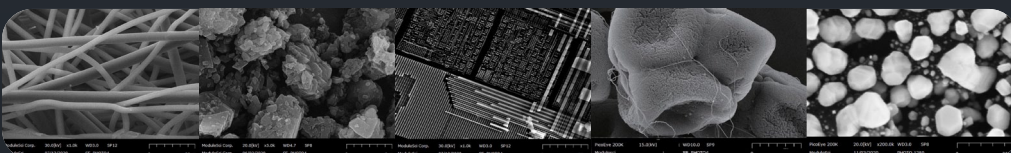
Navigation & Chamber Camera

Function Operation tab

Image tool tab

Screen View

| Usecase





02 PE-100

Dimension.
Electron source
Resolution
Magnification
Electron gun vac. system
Accelerating voltage
Motorized Stage

Option

690 x 780 x 1500 (W x L x H)
Tungsten filament
3nm
x20 ~ x300,000
10-6 torr
1 ~ 30kV
X: 50mm Y: 50mm Z: 20mm T: -10° ~ 90° R: 360°
5-Axis Motorized
BSE, EDS, navigation

Features

- Vent/Pump in less than 2 minutes
- Exhibits enhanced performance and cost-effectiveness compared to competitor's products with resolution 3 nm.
- Basically have a Chamber camera.

03 PE-300

Dimension(mm)
Electron source
Resolution
Magnification
Electron gun vac.
Accelerating voltage
Motorized Stage

Option

750x830x1550 (W x L x H)
FE (Schottky)
1.2nm
x20 ~ x300,000
10-10torr
0.5 ~ 30kV
X: 50mm Y: 50mm Z: 45mm T: -20° ~ 45° R: 360°
5-Axis Motorized
BSE, EDS, navigation

Features

- Vent/Pump in less than 30 minutes
- Constitutes reasonable price, convenience, and stability.
- Constitutes a wide chamber and a 5-axis stage.



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