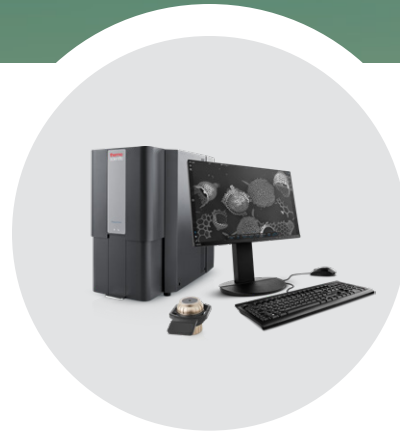


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Instruments



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Phenom ProX G6
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Phenom XL G2
Desktop SEM



Phenom ParticleX
Desktop SEM



Phenom Pharos G2
Desktop SEM

Source type

Cerium hexaboride (CeB₆)

Schottky field emission gun (FEG)

Maximum resolution

Sample size

Detector type

Secondary electrons (SE)

Backscattered electrons (BSE)

Low-vacuum SE

Cathodoluminescence

Low-vacuum BSE

STEM

WetSTEM

Gaseous SED

Environmental capabilities

High vacuum

Low vacuum

Environmental

Analytical capabilities

Elemental analysis

Particle analysis

Microstructural analysis

Correlative microscopy

Scripting

Fiber analysis

Image interpretation

⊛ Optional

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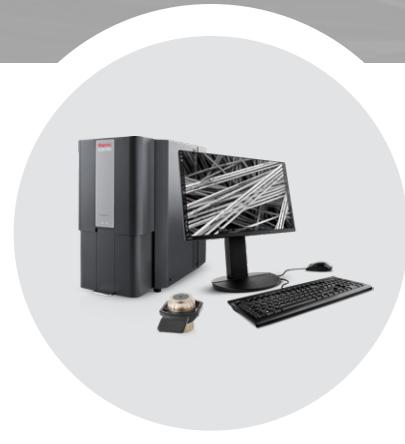
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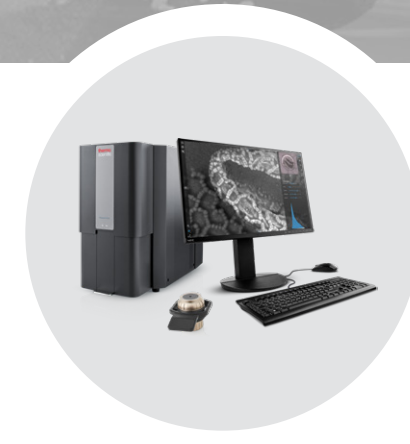
Instruments



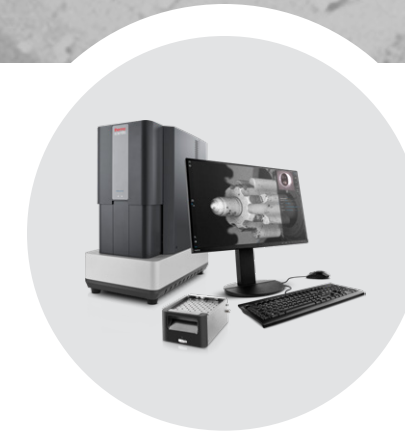
Phenom Pure G6
Desktop SEM



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Desktop SEM



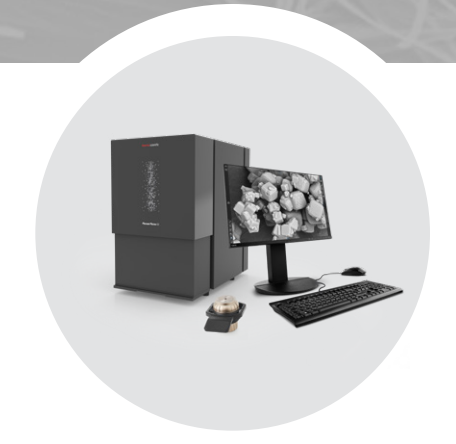
Phenom ProX G6
Desktop SEM



Phenom XL G2
Desktop SEM



Phenom ParticleX
Desktop SEM



Phenom Pharos G2
Desktop SEM

Source type

Cerium hexaboride (CeB₆)

Schottky field emission gun (FEG)

Maximum resolution

15
nm

Sample size

25
mm

Detector type

Secondary
electrons (SE)
*

Backscattered
electrons (BSE)

Low-vacuum
SE

Cathodoluminescence

Low-vacuum
BSE

STEM

WetSTEM

Gaseous SED

Environmental capabilities

High vacuum

Low vacuum

Environmental

Analytical capabilities

Elemental
analysis
*

Particle
analysis
*

Microstructural
analysis

Correlative
microscopy
*

Scripting
*

Fiber
analysis
*

Image
interpretation
*

* Optional

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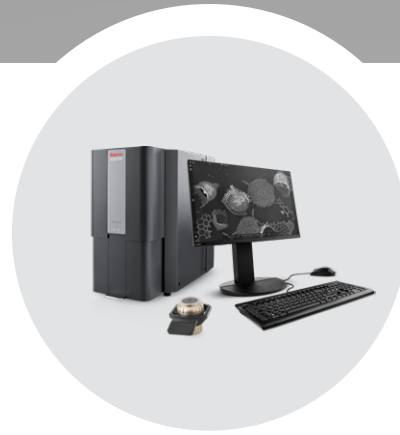
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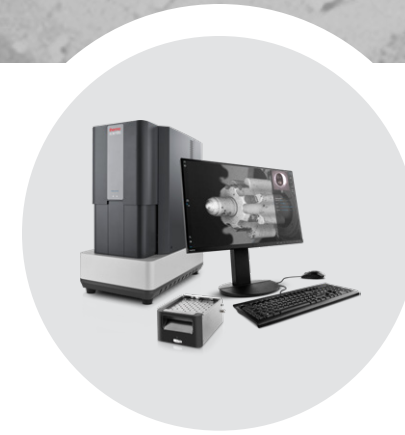
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Phenom ProX G6
Desktop SEM



Phenom XL G2
Desktop SEM



Phenom ParticleX
Desktop SEM



Phenom Pharos G2
Desktop SEM

Source type

Cerium hexaboride (CeB₆)

Schottky field emission gun (FEG)

Maximum resolution

6
nm

Sample size

25
mm

Detector type

Secondary
electrons (SE)
*

Backscattered
electrons (BSE)

Low-vacuum
SE

Cathodoluminescence

Low-vacuum
BSE

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*

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*

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*

Image
interpretation
*

* Optional

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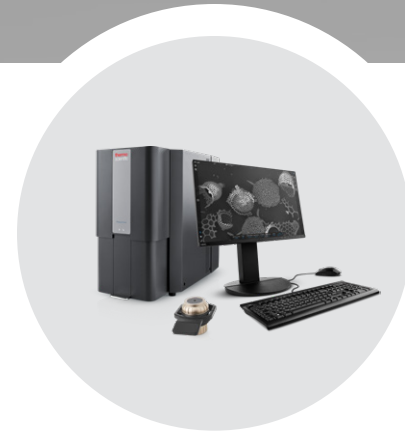
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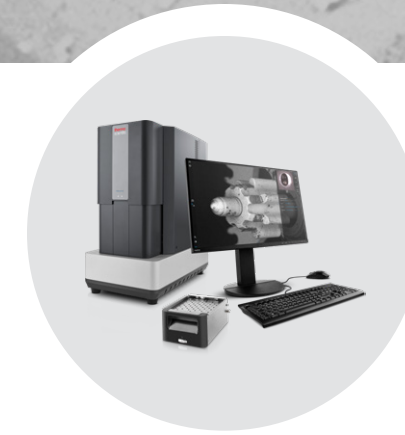
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Phenom ProX G6
Desktop SEM



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Desktop SEM



Phenom ParticleX
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Phenom Pharos G2
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Source type

Cerium hexaboride (CeB₆)

Schottky field emission gun (FEG)

Maximum resolution

6
nm

Sample size

25
mm

Detector type

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electrons (SE)
*

Backscattered
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*

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interpretation
*

* Optional

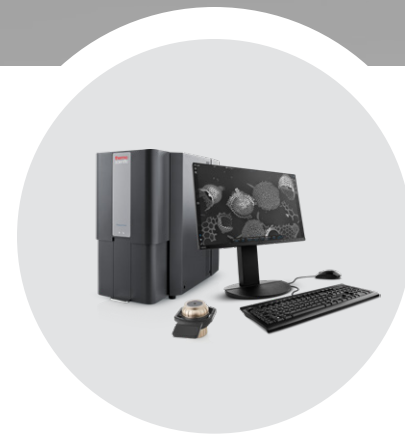
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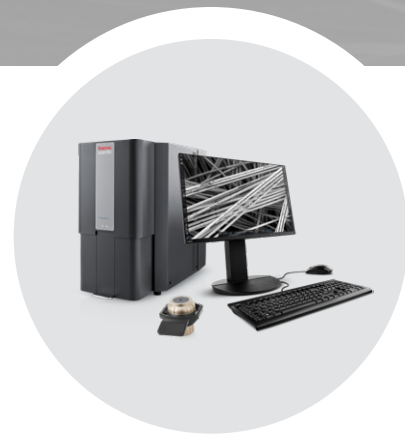
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Phenom ProX G6
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Phenom XL G2
Desktop SEM



Phenom ParticleX
Desktop SEM



Phenom Pharos G2
Desktop SEM

Source type

Cerium hexaboride (CeB₆)

Schottky field emission gun (FEG)

Maximum resolution

10
nm

Sample size

100
mm

Detector type

Secondary electrons (SE)
*

Backscattered electrons (BSE)

Low-vacuum SE

Cathodoluminescence

Low-vacuum BSE

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*

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*

* Optional

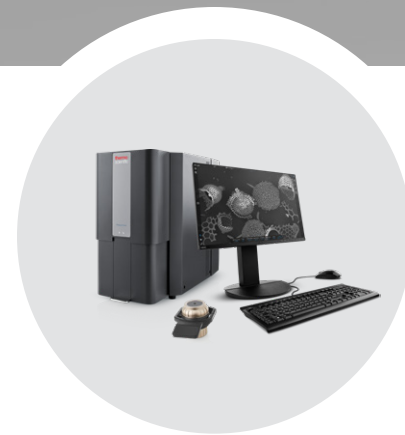
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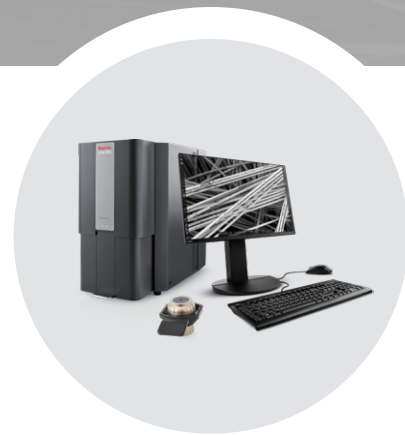
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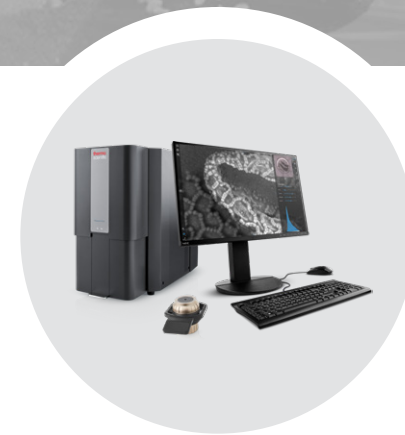
Instruments



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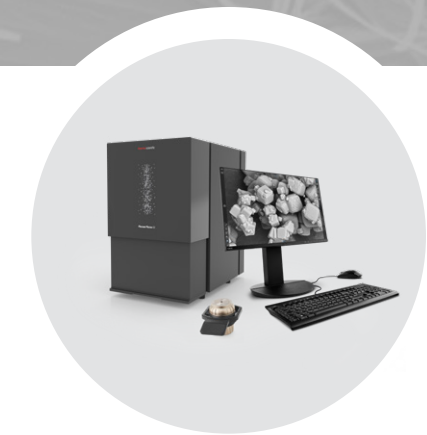
Phenom ProX G6
Desktop SEM



Phenom XL G2
Desktop SEM



Phenom ParticleX
Desktop SEM



Phenom Pharos G2
Desktop SEM

Source type

Cerium hexaboride (CeB₆)

Schottky field emission gun (FEG)

Maximum resolution

10
nm

Sample size

100
mm

Detector type

Secondary
electrons (SE)
*

Backscattered
electrons (BSE)

Low-vacuum
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Low-vacuum
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*

* Optional

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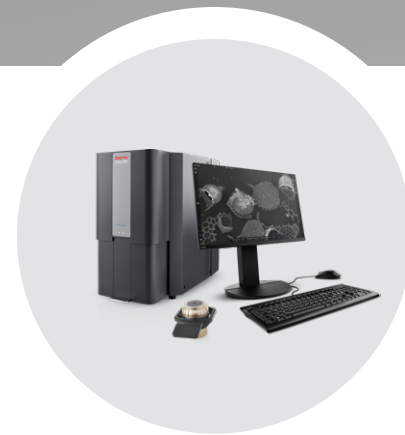
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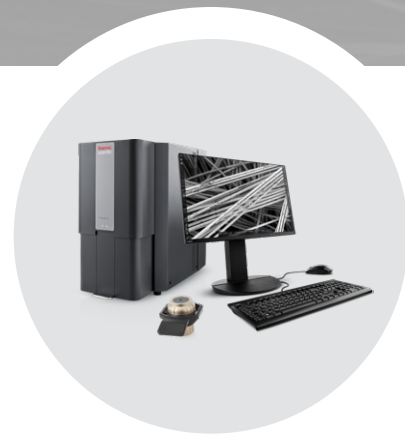
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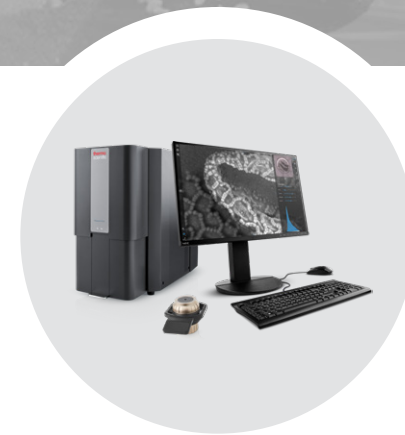
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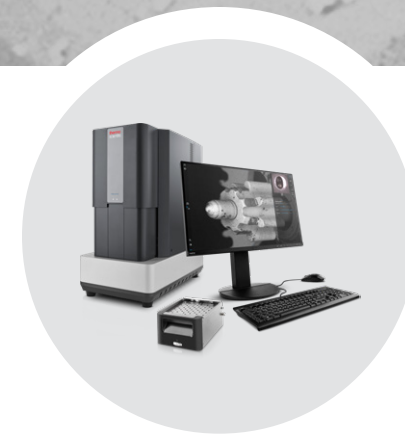
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Source type

Cerium hexaboride (CeB₆)

Schottky field emission gun (FEG)

Maximum resolution

2
nm

Sample size

25
mm

Detector type

Secondary
electrons (SE)
*

Backscattered
electrons (BSE)

Low-vacuum
SE

Cathodoluminescence

Low-vacuum
BSE

STEM
*

WetSTEM

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