

Which 'tome is right for me?

	Cryostat	Cryo-ultramicrotome
Training sessions:	2+	2+
Sample Type:		
Biological	●	●
Organic	◐	●
Inorganic	◐	●
What is being visualized?		
Tissues	●	●
Cells	●	●
Intracellular structures	◐	●
Harder polymers	○	●
Softer polymers / Rubber	◐	●
Nanoparticles	○	◐
Is the sample embedded in resin?	○	●
Operating temperature:		
≈ 25°C	○	●
-1°C to -60°C	●	●
Below -60°C	◐	●
Sample size:		
> 5 mm	●	NA
5 mm to 1 mm	●	◐
< 1 mm	NA	●
Section size:		
60 μm to 15 μm	●	NA
15 μm to 1 μm	◐	◐
1 μm to 10 nm	NA	●
Method of observation:		
Confocal laser scanning microscopes	●	◐
Transmission electron microscopes	NA	●
Scanning electron microscopes	◐	◐

●	Recommended
◐	Possible, for specific applications
○	Not recommended
N/A	Not allowed/not available