

Bruker MultiMode 8 Atomic Force Microscope
Specifications

Available AFM modes	Features	Required Probes	Probe Stock Available in the BioCRF?
ScanAsyst Mode (Air/ Fluid)	Self-optimizing AFM for high-resolution imaging	Bruker SNL-10 (Air/ Fluid)	Yes
Tapping Mode (Air/ Fluid)	Lightly tapping the surface with an oscillating probe tip for topography imaging	Bruker SNL-10 (Air/ Fluid)	Yes
Contact Mode (Air/ Fluid)	Constant physical contact with sample surface for imaging samples which require direct tip-sample contact	Bruker NTESPA (Air/ Fluid)	Yes
Electrical & Magnetic Mode (Air/ Fluid)	Measure electric field gradient distribution above the sample surface	Ferromagnetic and conducting material probes	No
Mechanical Properties (Air/ Fluid)	Distinguishes nanomechanical properties including modulus, adhesion, dissipation, and deformation	Precalibrated PeakForce Tapping probes	No
Accessories			
<ul style="list-style-type: none"> • High-temperature heater (RT to 250 °C) • Cantilever holder for scanning in fluid • Cantilever holder for scanning in air • 10 x 10 x 2.5 um (X, Y, Z) scan size scanner • 125 x 125 x 5 um (X, Y, Z) scan size scanner • 15 mm disks for sample preparation (check out from BioCRF) 			