

Technical specifications:  
 Nanotec Scanning Probe Microscope  
 SPM Mini Chassis



SPM Mini Chassis with motorized tip-sample approach and control board

Nanotec® mini chassis for SFM/STM. Specially designed for working environments with space limitations, it consists on a small basis over which the SFM chassis is mounted. Between the table and the chassis there is an allocated place for the scanner and its connections.

<b>Available horizontal sample size: 2cm x 2cm (0.8 x 0.8 inch)</b>
<b>Available vertical sample size: 7mm (0.28 inch)</b>
<b>Coarse horizontal positioning range: 3mm x 3mm (0.12 inch x 0.12 inch)</b>
<b>Approach:</b>
One motor for the automatic approach and two micrometer screws for manual approach.
Approach micrometer screws range: 13mm (0.5 inch.)
The three support points allow easy selection of any tilt direction for the head, providing easy selection of the cantilever to use when using multicantilever chips
<b>Open configuration:</b>
Easy access to the approach system for manual or automatic approach
Easy swapping of the piezoelectric scanner
<b>Vibration isolation:</b>
Four soft-balls are provided to give a basic isolation for the system.
Two springs for retention of the head
<b>Other options: Classic chassis or optical chassis</b>