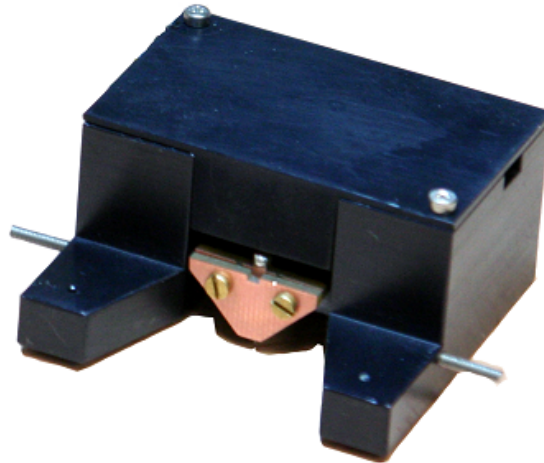


Technical specifications:  
Nanotec Scanning Probe Microscope  
Ambient Air STM Head



Ambient air STM Head

The ambient air STM head allows STM examination of conductive or semiconductor samples, like gold or HOPG.

<b>Ambient air STM Head</b>
Lateral resolution: 0.2nm
Vertical resolution: 0.002 nm
HOPG atomic resolution tested
Compatible with the standard Nanotec chassis, which provides the automatic approach.
Two magnets and two springs provide the best stability fixing the head to the chassis.
Integrated IV converter
* Gain $10^8$ (Other gains available under user requirement)
5 cm Pt/Ir wire for tips