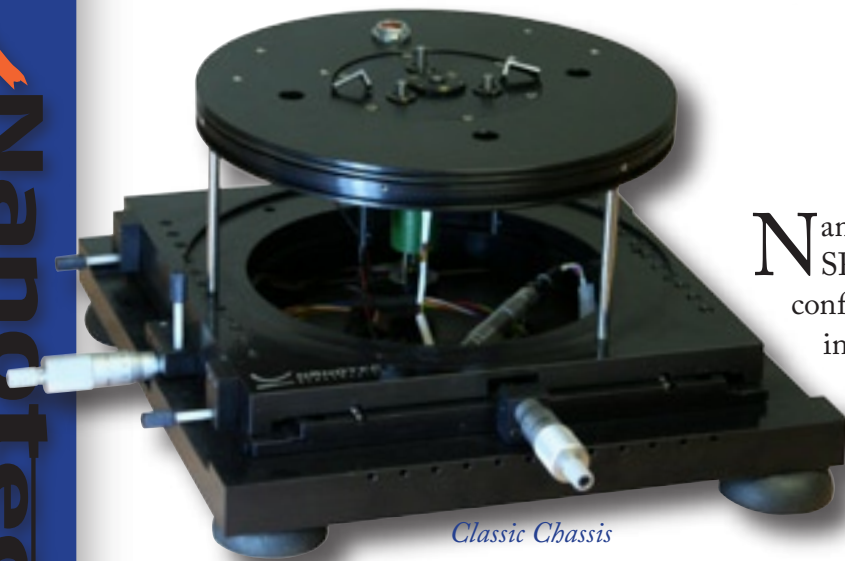


# CLASSIC CHASSIS



*Classic Chassis*

Nanotec's® standard mounting chassis for SFM/STM heads is designed with an open configuration for ease with sample and head interchange. The chassis also provides a support base for the piezo tube scanner and its electrical connections, which are protected by an anodized steel tube. Three access ports are also provided for atmosphere control and gas backfilling.

***Approach:***

- Motorized automatic approach and two micrometer screws allow for rapid software controlled and manual adjustment
- Three magnetic cylinders support the SPM head, allowing effortless laser alignment and straightforward tilt adjustment for the head, simplifying cantilever selection when using multicantilever chips

***Open configuration:***

- Easy access to the approach system for either manual or automatic approach
- Easy interchange between different piezo electric scanners

***Vibration isolation:***

- Four sorbothane vibration supports provide overall isolation for the entire system
- Two springs are provided to securely clamp the SPM head

***Atmosphere control:***

- Glass bell jar provided for atmosphere control as well as acoustic and thermal isolation
- Three access holes for easy gas exchange by backfilling

QUICK SPECIFICATIONS**	
DIMENSIONS:	30 x 30 x 25 CM (12 x 12 x 10 IN)
AVAIL. HORIZONTAL SAMPLE SIZE:	2 x 2 CM (0.8 x 0.8 IN)
AVAIL. VERTICAL SAMPLE SIZE:	7 MM (0.28 IN)
MAX SAMPLE WEIGHT:	10 GRAMS
COARSE HORIZONTAL POSITIONING RANGE:	3 x 3 MM (0.12 x 0.12 IN)
MICROMETER APPROACH RANGE:	13 MM (0.5 IN)

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