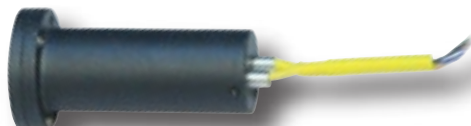


PIEZO SCANNERS



Long Scanner



Short Scanner



Chassis connection



Top View Sample Attachment

Nanotec® offers its own patented SFM and MFM piezoelectric scanners with concentric tubular design to minimize thermal drift. Interchangeable in any of the SFM chassis currently offered, there are three mounting screws that allow for easy interchange between scanners. The long scanner is designed for large scans over rough samples; the short scanner is designed for the highest resolution. Individual factory calibration factors are included with each scanner.

Our standard piezo scanners are equipped with a magnetic sample attachment. For the scanning requirements of MFM, our MFM piezo scanners are equipped with a non-magnetic sample holder. Our MFM piezo scanners can be user retrofitted with a magnetic sample holder for easy exchange and versatility.

QUICK SPECIFICATIONS**	
LONG SCANNER (SFM & MFM):	
DIMENSIONS:	19.1 MM Ø & 100 MM LENGTH (0.75 IN Ø x 3.94 IN LENGTH)
MAXIMUM HORIZONTAL SCAN RANGE:	70 x 70 µM
MAXIMUM VERTICAL SCAN RANGE:	12 µM (TYPICAL)
SHORT SCANNER (SFM & MFM):	
DIMENSIONS:	19.1 MM Ø & 65 MM LENGTH (0.75 IN Ø x 2.56 IN LENGTH)
MAXIMUM HORIZONTAL SCAN RANGE:	10 x 10 µM
MAXIMUM VERTICAL SCAN RANGE:	2 µM (TYPICAL)