

High Coercivity High resolution long lifetime Magnetic probes MFM_HC series for MFM measurements in high external magnetic fields, resonant frequency 47-90kHz, force constant 1-5N/m

| | |
|-----------------|-----------------------------------|
| Art. ID | TIPS-MFM_HC/15 |
| Unit | 15 separated chips |
| Deliverydetails | No Dangerous Good /not restricted |

Description

High Coercivity Magnetic High Resolution Silicon AFM Cantilevers MFM_HC series are specially designed for MFM measurements in high external magnetic fields. MFM_HC probes have coercivity 500-800Oe in vertical direction and more than 2kOe in horizontal direction. Their coating based on Co high coercivity alloy guarantees the stable parameters of magnetic probe under the influence of the external magnetic field during measurement. Due to special defensive layers which prevent the ferromagnetic tip coating from oxidizing, all MFM probes have a long shelf life, and the small tip curvature radius enables you to obtain good high resolution images. Typical Resonant Frequency of the probes 70 kHz (guaranteed range 47-90kHz), typical Force Constant 3N/m (guaranteed range 1-5N/m). Cantilever has Al reflective side coating to increase laser signal.