

Mode	Arrow™ Force Modulation Mode			
Model	Arrow™ FM		Arrow™ FMR	
Application	Non-Contact/Tapping Mode™		Non-Contact/Tapping Mode™	
General	Monolithic Silicon Probe			
Technical Data	Value	Range	Value	Range
Thickness	3.0μm	2.5 ~ 3.5	3.0μm	2.5 ~ 3.5
Mean Width	35μm	30 ~ 40	35μm	30 ~ 40
Length	240μm	235 ~ 245	240μm	235 ~ 245
Force Constant	2.8 N/m	1.4 ~ 5.8	2.8 N/m	1.4 ~ 5.8
Resonance Frequency	75 kHz	58 ~ 97	75 kHz	58 ~ 97
Tip Height	10 ~ 15μm		10 ~ 15μm	
Tip Radius	<10 nm		<10 nm	
Reflex Coating	30 nm thick Aluminium			
Order Code	Order Code	Quantity	Order Code	Quantity
FM Mode	Arrow FM-10	10	Arrow FMR-10	10
	Arrow FM-20	20	Arrow FMR-20	20
	Arrow FM-50	50	Arrow FMR-50	50
	Arrow FM-W	380	Arrow FMR-W	380