

Mode	Contact Mode			
Model	CONT	CONTR	CONPt	ZEILR
Application	FDS or PFM	FDS or PFM	FDS or PFM	Zeiss Veritekt or Seiko
General	Monolithic Silicon Probe			

Technical Data	Value	Range	Value	Range	Value	Range	Value	Range
Thickness	2 μ m	1.5 ~ 2.5	2 μ m	1.5 ~ 2.5	2 μ m	1.5 ~ 2.5	4 μ m	3.5 ~ 4.5
Mean Width	50 μ m	45 ~ 55	50 μ m	45 ~ 55	50 μ m	45 ~ 55	55 μ m	50 ~ 60
Length	450 μ m	445 ~ 455	450 μ m	445 ~ 455	450 μ m	445 ~ 455	450 μ m	445 ~ 455
Force Constant	0.2 N/m	0.07 ~ 0.4	0.2 N/m	0.07 ~ 0.4	0.2 N/m	0.07 ~ 0.4	1.6 N/m	1.0 ~ 2.6
Resonance Frequency	13 kHz	9 ~ 17	13 kHz	9 ~ 17	13 kHz	9 ~ 17	27 kHz	23 ~ 31
Tip Height	10 ~ 15 μ m		10 ~ 15 μ m		10 ~ 15 μ m		10 ~ 15 μ m	
Tip Radius	<10nm		<10nm		<10nm		<10nm	
Reflex Coating	No		30nm thick Aluminum		23nm thick double layer Ptlr5 coating		30nm thick Aluminum	

Order Code	Order Code	Quantity	Order Code	Quantity	Order Code	Quantity	Order Code	Quantity
Contact Mode	CONT-10	10	CONTR-10	10	CONPt-10	10	ZEILR-10	10
	CONT-20	20	CONTR-20	20	CONPt-20	20	ZEILR-20	20
	CONT-50	50	CONTR-50	50	CONPt-50	50	ZEILR-50	50
	CONT-W	385	CONTR-W	385	CONPt-W	385	ZEILR-W	385