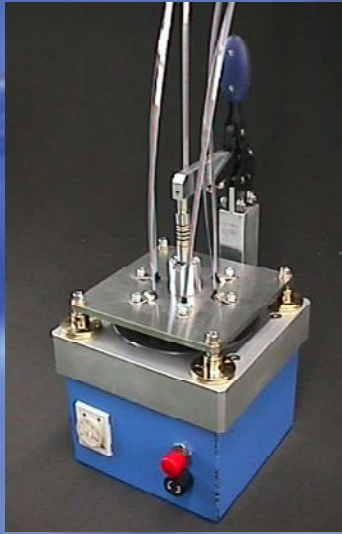




SEIKOH GIKEN



中型MT研磨机 SFP-70D-MT

中型MT研磨机现已发布

■ 特点

- 一次研磨MT插芯1到6只
- 研磨效果和SFP-550系列持平
- 现场修复, 小批量生产及研发用途

配置

- 主机 : SFP-70D-MT (包含加压模块)
- 研磨夹具 : PH07-MT-6T1 (MT/PC, 6头)
: PH07-MT8A-6T1 (MT/APC, 6头)

■ 技术参数

- 应用 : 仅用于MT研磨
- 压力调节 : 通过更换销钉实现高/低两种压力
- 研磨工艺 : 四道干法研磨
- 研磨耗材 : 70mm直径均适用(研磨片及玻璃垫)

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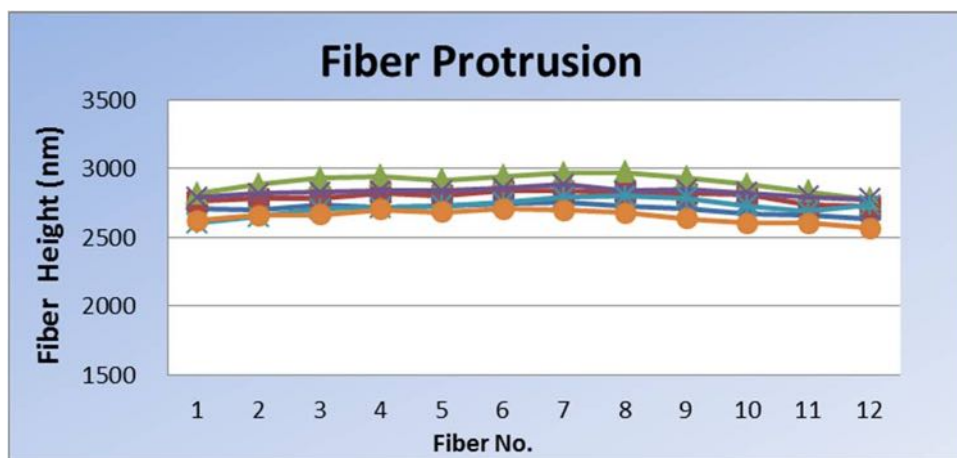
■ 研磨工艺

STEP	PAD	FILM (service life)	LIQUID	TIME (min)		CENTER PRESS.	SPACER	
				1~4axis	5,6axis		1, 2 axis	3~6 axis
1 st	PG07-480-SR2	GC07 (1)	None	Manual Polishing				
			Purified Water	0.5	1	After Revolution Lock fully	4pcs	
2 nd	PG07-480-SR2	AR07 (1)	Purified Water	1	1	After Revolution Lock fully	2pcs	None
3 rd	PG07-480-SR2	GH07 (1)	Purified Water	1	1	After Revolution Lock fully		
4 th	PG07-480-SR2	FM07-SOAP (1)	Purified Water	3	5	After Revolution Lock fully		

■ 测试参数供参考

Ferrule No	X angle (deg.)	Y angle (deg.)	X radius (mm)	Y radius (mm)	Min. Fiber height	Max. Fiber height
1	0.00	-0.01	25994	301	2635	2753
2	0.00	-0.02	27255	223	2725	2840
3	0.01	-0.04	14181	294	2777	2975
4	0.01	-0.01	25208	266	2775	2885
5	0.00	0.01	16017	344	2606	2802
6	-0.01	0.01	26946	317	2567	2709

Ferrule No	Max. diff. all fib. (nm)	Max Adj. fib. (nm)	Max core dip (nm)	Minus co- planarity (nm)	Fibers X angle (-)	Valid pixel ratio (%)
1	119	40	nan	44	0.00	90
2	114	76	nan	60	0.00	90
3	198	-69	nan	104	0.01	89
4	110	45	nan	48	0.01	90
5	196	-57	nan	77	0.00	90
6	141	41	nan	66	-0.01	90



Disclaimer- 1) Polishing method with use of fibrous material is patented in the U.S (US patent No. 6106368). 2) A ferrule assembly with fiber protrusion between 0.5um and 2.5um after polishing is patented in the U.S. (US patent No. 5743785).