

Accessories For 5 mm and 7 mm Standard MAS

- Short caps are provided for maximum signal to noise. Long caps are provided for highest homogeneity and rf field strength. Long caps are also for limited samples. Please refer to the appendix for materials and temperature information.
- Standard, High Speed, SuperSonic, XC, and DI and accessories are **not** interchangeable.
If unsure about correct supplies, contact us with the probe DSI-serial number and we can help.

5 mm Standard

Rotor length=13.08 mm

Spinning speed max. 9 kHz,
Sample volume – 60 µL to 110 µL

Turbine Cap Design



7 mm Standard

Rotor length=18.31 mm

Spinning speed max. 6 kHz,
Sample volume – 200 µL to 350 µL

Part #	Price	Description	Part #	Price
Rotors				
5511	\$600	Silicon Nitride Rotor	7511	\$600
5520	330	Zirconia Rotor	7520	330
5900	250	Macor Rotor	7900	250
End Caps for Zirconia and Silicon Nitride Rotors				
97650	\$80	Kel-F Short Cap Pair	97500	\$80
97660	80	Kel-F Long Cap Pair	97510	80
96518	50	Kel-F Spherical Sample Cell Insert Pair for CRAMPS Experiments (Use with long Kel-F caps)	----	----
97680	90	Aurum Short Cap Pair	97530	90
97690	90	Aurum Long Cap Pair	97540	90
96443	155	Kel-F O-Ring Cap Pair*	96435	155
97940	155	Aurum O-Ring Cap Pair*	96445	155
End Caps for Macor Rotors				
5980	\$45	Kel-F Plug Cap for Macor Rotor	----	----
5990	45	Teflon Plug Cap for Macor Rotor	----	----
5572	105	Kel-F O-Ring Plug Cap for Macor Rotor*	7541	\$105
5573	105	Aurum O-Ring Plug Cap for Macor Rotor*	7542	105
Cap Pullers and Accessories				
5170	\$155	Kel-F Front Housing Cap	7170	\$155
7130	30	Kel-F Housing Thumb Screws (priced per pair)	7130	30
96220	175	Puller for Long and Short Kel-F, Vespel, Torlon or Aurum Caps	96240	175
96170	110	5 mm Blue Threaded End Cap Puller for 5 mm O-ring Caps (2-.4 mm Thread)	----	----
----	----	7 mm Red Threaded End-Cap Puller for 7 mm O-ring Caps, (5-44 Thread)	96250	110
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96500	160	Sample Packing Tool Set for Silicon Nitride and Zirconia Rotors	96520	160
4710	50	Packing Tamp for Caps with Axial Screws	4700	50

* **Specify on the order.** – Some prefer to insert o-ring turbines by twisting them in by hand. However, o-ring turbine caps can be ordered **with threaded holes** to be inserted and removed with the threaded cap puller. (Plug caps must be removed with the threaded tool.) Front turbine caps can also be ordered **with an axial out-gassing hole** for higher temperature work or to remove air bubbles. *O-ring caps can be used for liquids, for sealing, or for some VT.*

(US\$ – Foreign prices higher, plus taxes.)