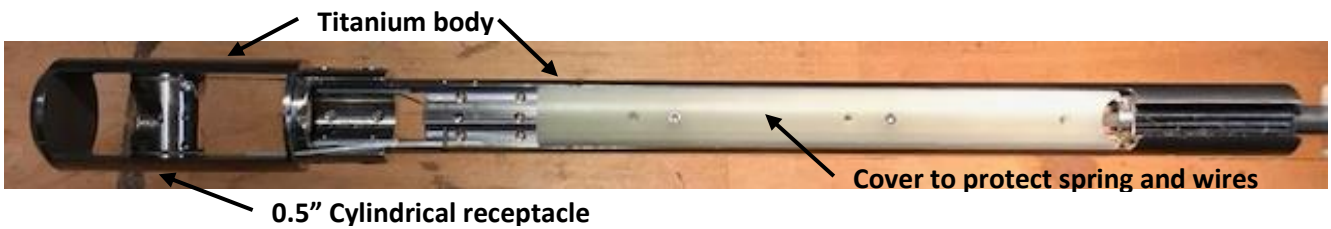


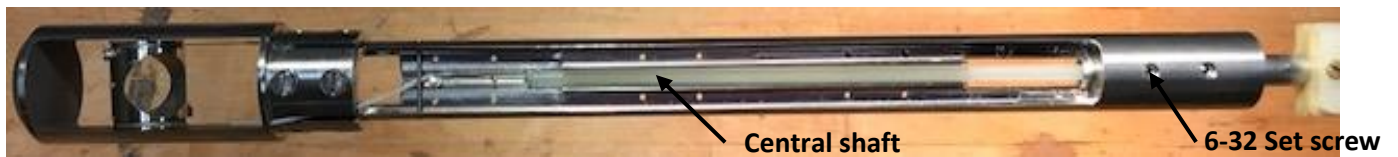
SCM1 2nd Rotating Probe

1. Design and Construction

< Top view >



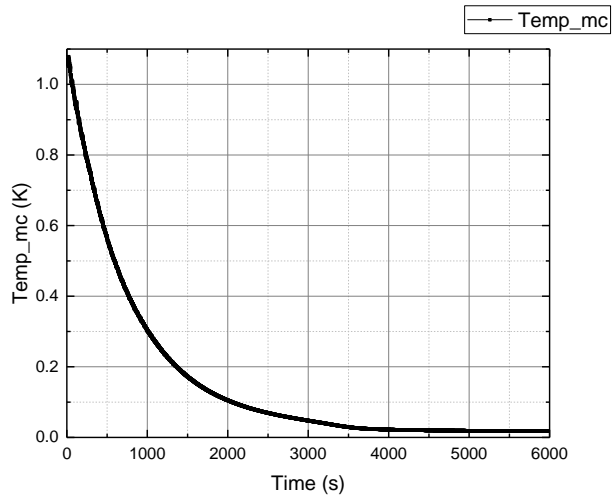
< Bottom view >



< Dimensions >

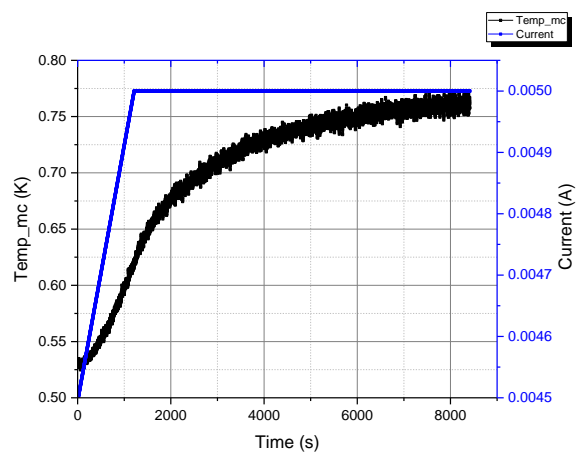
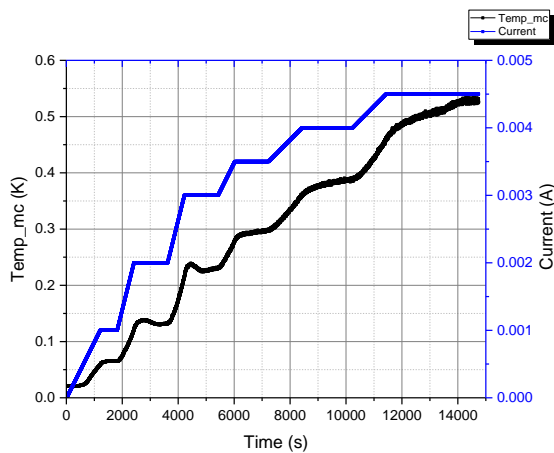


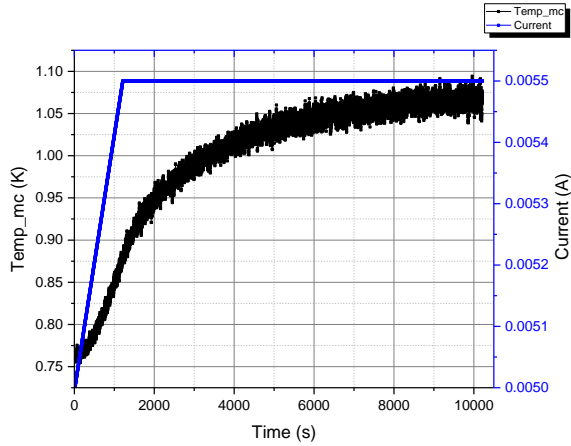
2. Cool down test and base temperature (< 17 mK)



3. Heater response test

Temperature (K)	Current (mA)	Ramp (min)	Wait (min)
0.065	1	20	10
0.135	2	10 (overshoot)	20
0.235	3	10 (overshoot)	20
0.30	3.5	10	20
0.39	4	20	30
0.52	4.5	20	50
0.76	5	20	120
1.02	5.5	20	180





4. Rotating angle test

Top rotator : 360 deg = Bottom sample : 4.852 deg

