

TM2/3/4 SIS with Target and No External Connections

TM2

Ohm Meter Check									
	Target (ABCD)	Einzel Lens (Y)	60kV Com (T)	Chassis	EE (I)				
Magnet Coil (U, Q)									
Anode (H)									
60kV Common (T)						OL	OL		
						Infinite	Infinite		
Chassis						OL	OL	OL	
						Infinite	Infinite	Infinite	
EE (I)						OL	OL	OL	OL
						Infinite	Infinite	Infinite	Infinite
Einzel Lens (Y)						OL			
						Infinite			

Megger Check (all @ 500V unless otherwise noted)									
	Target (ABCD)	Einzel Lens (Y)	60kV Com (T)	Chassis	EE (I)				
Anode (H)									
60kV Common (T)						11M	OL		
						@250V under vacuum only	Infinite		
Chassis						957M	OL	983M	
						Infinite @ 1000V	Infinite @ 1000V	Infinite	
EE (I)						OL	OL	OL	OL
						Infinite	Infinite	Infinite	Infinite
Einzel Lens (Y)						OL			
						Infinite			

Conductance Check [mΩ]						
A-B	A-C	A-D	B-C	B-D	C-D	
18.794	11.768	11.027	14.278	13.498	6.444	
4-5.7	5-6.8	4-5.3	5-6.8	4-5.3	4-5.5	

Backg. leak rate: [atm-cc/s]	0.0 x 10 ⁻⁹	HS leak rate: [atm-cc/s]	0.0 x 10 ⁻⁹
	< 5E-9		< Backg. leak rate

Target: Tc # 67	Date: 2024-08-12
Location: (S) HC CS HCpost	Signature: 

first time
second time
loose and target A, B again

