30CM/50CM Integrating Sphere



MSPB SERIES



MSPA SERIES

Characteristics

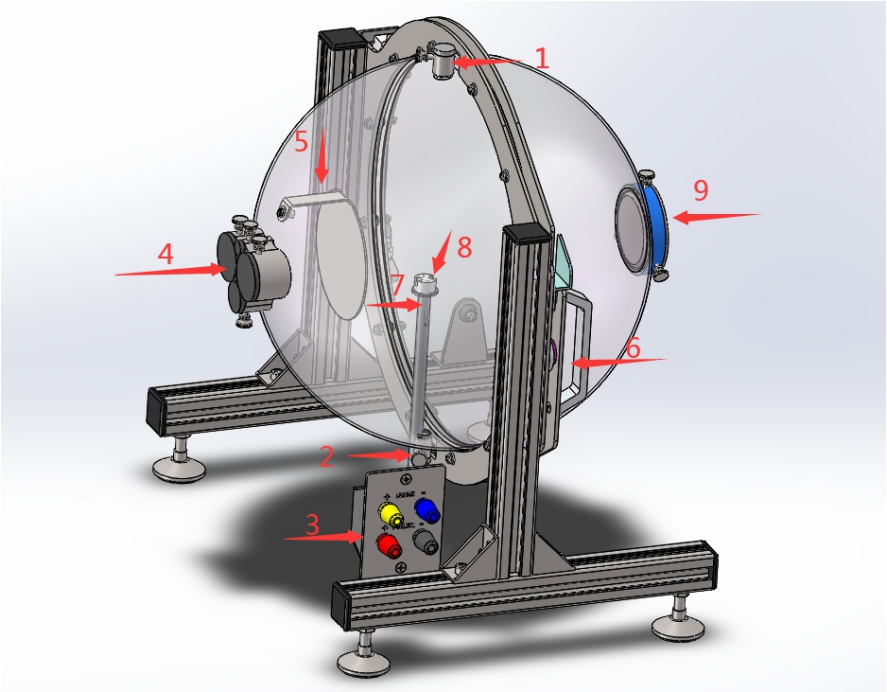
1. Deigned according to the standards: IES-LM-79、IES-LM-80
2. The internal coating： the main material is BaSO4
3. The whole structure is strong enough to bear the shake
4. Good sealability,no light leakage

Specification

Model	Spec	Material	Coating	Weight	Dimension (L*W*H)
MSPB-0300	0.3m	steel	R93	about 10KG	406*340*413mm
MSPB-0500	0.5m	steel	R93	about 20KG	650*540*725mm
MSPA-0300	0.3m	aluminium	R98	about 10KG	406*340*413mm
MSPA-0500	0.5m	aluminium	R98	about 20KG	650*540*725mm

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Composition

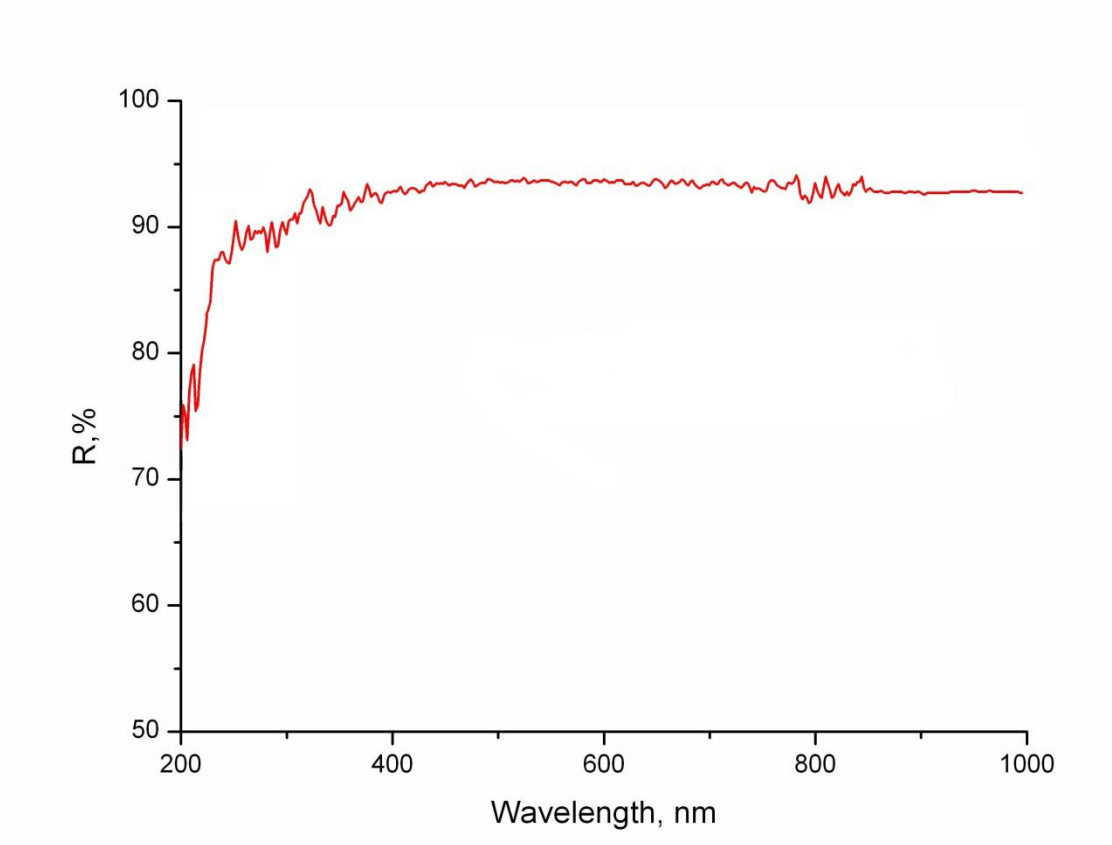


Item	Name	Remark
1	Port for lamppost	Up
2	Port for lamppost	Down
3	Outside wire box	Input Power
4	Fiber & detector ports	With SMA or other adapter
5	Baffle	For fiber and detector ports
6	Lock device	Magnet
7	Lamppost	Up or Down,height adjustable
8	G4 lamp socket	For calibration lamp
9	2π port	Φ60mm@0.3m sphere Φ100mm@0.5m sphere

Reflectance of the coating

(nm)	ρ	(nm)	ρ	(nm)	ρ	(nm)	ρ
250	0.937	480	0.974	710	0.977	1550	0.922
260	0.941	490	0.975	720	0.976	1600	0.923
270	0.944	500	0.975	730	0.976	1650	0.928
280	0.948	510	0.976	740	0.976	1700	0.927
290	0.951	520	0.976	750	0.975	1750	0.919
300	0.954	530	0.976	760	0.975	1800	0.916
310	0.957	540	0.977	770	0.975	1850	0.914
320	0.960	550	0.977	780	0.975	1900	0.860
330	0.961	560	0.977	800	0.975	1950	0.813
340	0.962	570	0.977	850	0.973	2000	0.841
350	0.963	580	0.978	900	0.972	2050	0.852
360	0.965	590	0.978	950	0.970	2100	0.844
370	0.966	600	0.978	1000	0.969	2150	0.863
380	0.967	610	0.978	1050	0.968	2200	0.865
390	0.966	620	0.978	1100	0.967	2250	0.865
400	0.968	630	0.978	1150	0.964	2300	0.830
410	0.969	640	0.978	1200	0.960	2350	0.818
420	0.969	650	0.978	1250	0.960	2400	0.810
430	0.971	660	0.977	1300	0.958	2450	0.788
440	0.972	670	0.978	1350	0.954	2500	0.752
450	0.972	680	0.977	1400	0.939		
460	0.973	690	0.978	1450	0.913		
470	0.974	700	0.977	1500	0.915		

R98 coating (Report from NIM)



R93 coating

Accessories（Optional）

1. HOLDER-30



For 2π measurement,can test the 2835/2830/3030; with wire

2. HOLDER-50



For 2π measurement,can test the 5050/50XX; with wire