

Electrostatic Analyzers

The Electrostatic Analyzers listed on this and next page are a listing of custom built analyzers designed and delivered from DANFYSIK over the later years.

Detailed information is available for the specific products, and we are prepared to work out proposals for any special request within this field of high performance Electrostatic Analyzers.

Customer	NSC New Delhi	Univ. of Utrecht	FZR Rossendorf	DF Std.equip.	ORNL
DF order No.	IND 533	HOL 3555	GER 3574	-	USA 3267
Model No.	-	-	-	260	-
Application	RMS	C14	-	-	RMS
Plate separation (d)	150mm	43.5mm	20mm	5mm	100mm
Bending radius (R)	4000mm	435mm	2000mm	500mm	6000mm
Bending angle	20°	90°	30°	90°	20°
Plate height	500mm	160mm	100mm	50mm	500mm
Effective length	1396mm	683mm	1047mm	785mm	2094mm
Plate material	Titanium	Stainl.steel	Aluminium	Aluminium	Titanium
Plate shape	Cylindrical	Spherical	Cylindrical	Cylindrical	Cylindrical
Field strength	30kV/cm	4.6kV/cm	40kV/cm	40kV/cm	50V/cm
Voltage	± 225kV	± 10kV	± 40kV	± 10kV	± 250kV

Customer	DF Std.equip.	LLNL	ANSTO	NRL	Univ. of Arizona
DF order No.	-	USA 4720	AUR 4895	USA 6177	USA 6729
Model No.	262	263	-	-	-
Application	-	AMS	AMS	TE-AMS	AMS
Plate separation (d)	20mm	100mm	25mm	41mm	40mm
Bending radius (R)	2000mm	750mm	2500mm	2200mm	2000mm
Bending angle	57°	90°	90°	30°	77°
Plate height	100mm	240mm	175mm	164mm	150mm
Effective length	1990mm	1178mm	3927mm	1152mm	2688mm
Plate material	Aluminium	Stainl.steel	Aluminium	Titanium	Aluminium
Plate shape	Cylindrical	Spherical	Spherical	Spherical	Spherical
Field strength	40kV/cm	2kV/cm	64kV/cm	48.8kV/cm	35kV/cm
Voltage	± 40kV	± 10kV	± 80kV	± 100kV	± 70kV

Customer	Inst. of Physics	LLNL	Univ. of Helsinki		
DF order No.	IND 6831	USA 6596	FIN 11572		
Model No.	-	265	-		
Application	AMS	AMS	AMS		
Plate separation (d)	40mm	50mm	30mm		
Bending radius (R)	3200mm	4375mm	2000mm		
Bending angle	15°	45°	30°		
Plate height	200mm	200mm	150mm		
Effective length	838mm	2291mm	1047mm		
Plate material	Aluminium	Stainl.steel	Titanium		
Plate shape	Cylindrical	Cylindrical	Cylindrical		
Field strength	25kV/cm	50kV/cm	66.7kV/cm		
Voltage	± 50kV	± 125kV	± 100kV		