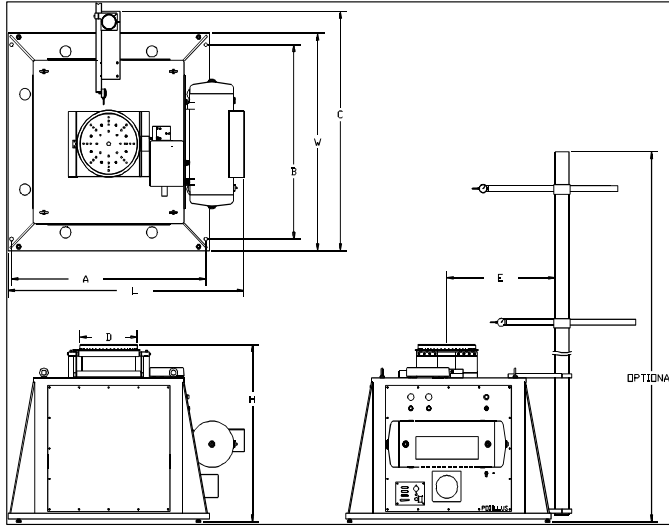


POI SERIES SPECIFICATIONS
Metric Units

POI Series Spin Balance Machines - (export)								
MODEL	RECOMMENDED PAYLOAD RANGE (Kg)	RANGE OF SPIN SPEEDS (RPM)	MAX LOADING MOMENT (Kg-cm)	MAXIMUM CG HEIGHT (Kg @ mm)	MOI ACCURACY (% OF READING + Kg-cm ²)	FULL SCALE DYNAMIC UNBALANCE (Kg-m ² @ RPM)	MINIMUM ACHIEVABLE READOUT (Kg-mm ² @ RPM)	UNBALANCE REDUCTION RATIO (%)
POI 50	0,5-25	50-800	230	13.8 @ 1000 @200RPM	0,1 % + 0.3	0.3 @ 50 0,075 @ 100 0,020 @ 200 0,005 @ 400 0,0012 @ 800	20.5 @ 50 3.0 @ 100 0.9 @ 200 0.2 @ 400 0.15 @ 800	95%
POI 50 BL	0,5-25	50-800	230	13.8 @ 1000 @200RPM	0,15 % + 0.3	0.3 @ 50 0,075 @ 100 0,020 @ 200 0,005 @ 400 0,0012 @ 800	61.5 @ 50 8.8 @ 100 2.7 @ 200 0.61 @ 400 0.45 @ 800	95%
POI 300	2-150	50-800	1,150	92 @ 1200 @200RPM	0,1% + 0.6	4 @ 50 1 @ 100 0,25 @ 200 0,065 @ 400 0,016 @ 800	73.1 @ 50 14.6 @ 100 3.5 @ 200 1.5 @ 400 0.6 @ 800	95%
POI 300 BL	2-150	50-800	1,150	92 @ 1200 @200RPM	0,15% + 0.6	4 @ 50 1 @ 100 0,25 @ 200 0,065 @ 400 0,016 @ 800	219 @ 50 44 @ 100 10.5 @ 200 4.4 @ 400 1.8 @ 800	95%
POI 1000	5-450	30-300	5,760	350 @ 1300 @50RPM	0,1 % + 2.2	5,6 @ 50 1,4 @ 100 0,35 @ 200 0,16 @ 300	146.3 @ 50 29.3 @ 100 7.3 @ 200 4.4 @ 300	95%
POI 1000 BL	5-450	30-300	5,760	350 @ 1300 @50RPM	0,15 % + 2.2	5,6 @ 50 1,4 @ 100 0,35 @ 200 0,16 @ 300	439.0 @ 50 87.8 @ 100 22.0 @ 200 13.2 @ 300	95%
POI 3500	25-1600	20-300	11,500	1150 @ 1500 @50RPM	0,1 % + 6.0	74,1 @ 30 26,7 @ 50 6,7 @ 100 1,7 @ 200	585.3 @ 30 146.3 @ 50 43.9 @ 100 17.6 @ 200	95%
POI 3500 BL	25-1600	20-300	11,500	1150 @ 1500 @50RPM	0,15% + 6.0	74,1 @ 30 26,7 @ 50 6,7 @ 100 1,7 @ 200	1756 @ 30 439 @ 50 132 @ 100 53 @ 200	95%
POI 7000	25-3200	30-250	23,000	2750 @ 1750 @50RPM	0,1% + 173	96,0 @ 30 34,6 @ 50 8,5 @ 100 2,1 @ 200	878 @ 30 205 @ 50 58.5 @ 100 29.3 @ 200	95%
POI 7000 BL	25-3200	30-250	23,000	2750 @ 1750 @50RPM	0,15% + 173	96,0 @ 30 34,6 @ 50 8,5 @ 100 2,1 @ 200	2634 @ 30 615 @ 50 176 @ 100 88 @ 200	95%
POI 12000	100-5500	20-250	57,600	3685 @ 2500 @50RPM	0,1% + 322	182,9 @ 30 66 @ 50 16,4 @ 100 4,1 @ 200	878 @ 30 205 @ 50 73.2 @ 100 58.6 @ 200	95%
POI 12000 BL	100-5500	20-250	57,600	3685 @ 2500 @50RPM	0,15% + 322	182,9 @ 30 66 @ 50 16,4 @ 100 4,1 @ 200	2634 @ 30 615 @ 50 220 @ 100 175.6 @ 200	95%
POI 23000	160-10500	20-250	115,200	6900 @ 2000 @50RPM	0,1% + 586	220 @ 50 55 @ 100 14 @ 200	1463 @ 50 351 @ 100 117 @ 200	95%
POI 23000 BL	160-10500	20-250	115,200	6900 @ 2000 @50RPM	0,15% + 586	220 @ 50 55 @ 100 14 @ 200	4390 @ 50 1054 @ 100 351 @ 200	95%

POI SERIES SPECIFICATIONS
Metric Units



Model	Interface Diameter	Outline Size (LxWxH) (cm)	Anchor Locations		Optional Dial Indicator Stand		Electric Power requirement (volts amps/phase)	Shipping Weight (kg)
	D (mm)		A (mm)	B (mm)	C (mm)	E (mm)		
POI 50	305	127x127x79	1194	889	1397	692	220V; 10A; 3~	1250
POI 50-BL	305	127x127x79	1194	889	1397	692	220V; 10A; 3~	1250
POI 300	305	157x142x114	1295	1372	1549	711	220V; 10A; 3~	1660
POI 300-BL	305	157x142x114	1295	1372	1549	711	220V; 10A; 3~	1660
POI 1000	406	122x163x122	914	1473	1778	864	220/240V; 10A; 3~	2655
POI 1000-BL	406	122x163x122	914	1473	1778	864	220/240V; 10A; 3~	2655
POI 3500	584	183x183x152			1778	864	220/240V; 15A; 3~	3400
poi 3500-BL	584	183x183x152			1778	864	220/240V; 15A; 3~	3400
POI 7000	711	191x173x122	1753	1499	1829	1016	220/240V; 20A; 3~	3630
POI 7000-BL	711	191x173x122	1753	1499	1829	1016	220/240V; 20A; 3~	3630
POI 12000	1020	188x193x165	1651	1372	1880	914	220/240V; 20A; 3~	4425
POI 12000-BL	1020	188x193x165	1651	1372	1880	914	220/240V; 20A; 3~	4425
POI 23000	1270	152x173x193	1778	1664	1880	914	220/240V; 20A; 3~	4765
POI 23000-BL	1270	152x173x193	1778	1664	1880	914	220/240V; 20A; 3~	4765

The following special options are also available on POI series Instruments:

Custom Interface Plate	Helium measurement service	Shrouds for test object	Special range/capacity/sensitivity
Load positioners	Special computer	Special software	Special spin speed range
Weight platforms	Fixtures	Special electrical supply	

Please consult our sales department for prices and applications.