



GeoSpin

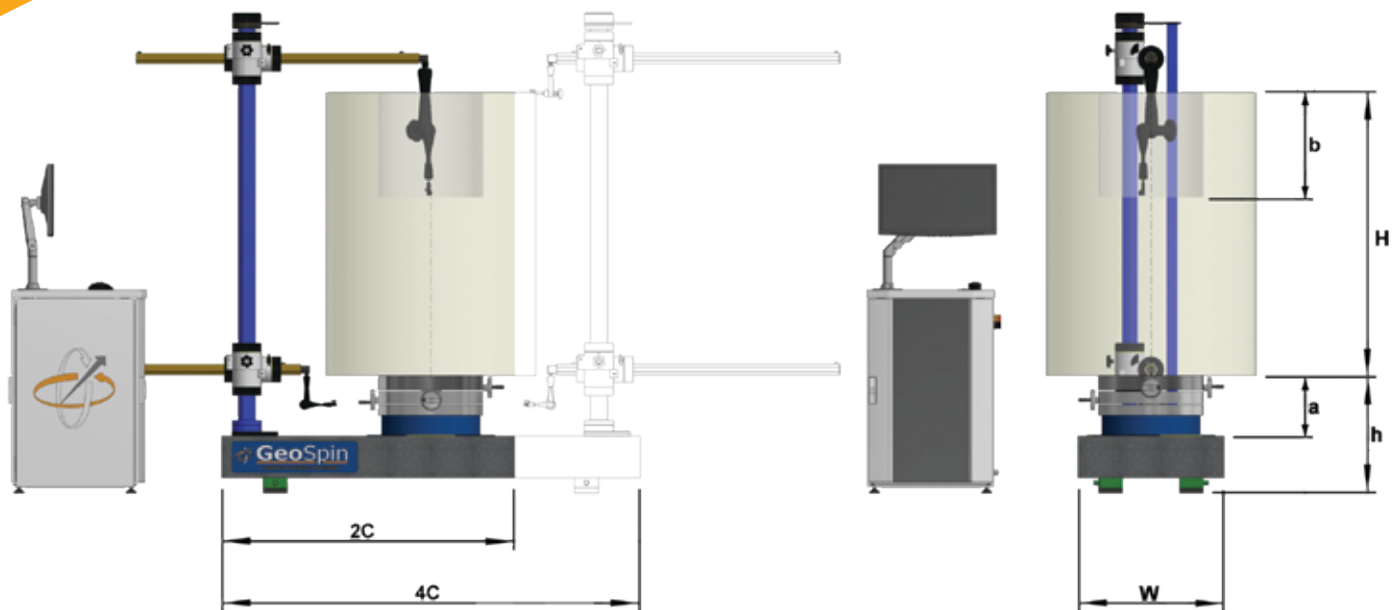
Integrated Turbine Rotor Measurement and Assembly Platforms

Improve productivity and achieve higher levels of quality by reducing inspection times and the need for costly teardowns due to inefficient rotor assembly.

GeoSpin has been specifically developed for the measurement and assembly of smaller engines in the aerospace industry, such as short-haul and business jets.

Measurement Capacity:

- Maximum measurement volume up to $\text{Ø}1,600\text{mm} \times 2,400\text{mm}$
- Maximum load capacity up to 1,500kgs
- Manual spin (optional power spin)



GeoSpin

Type		D500			D800			D800	D1000	D1200	D1500
Table Diameter	d	500			800			800	1000	1200	1500
Maximum Component Diameter	D	800	1000	1300	800	1000	1300	1000	1200	1500	1800
Maximum Component Height	H	1050 / 1450 / 1700						1800 / 2400			
	2C (2 Channel)	1300	1500	1700	1300	1500	1700	2200			
	4C (4 Channel)	1800	2000	2300	1800	2000	2300	2700			
Dimensions	W	700						900			
	h	615						665			
	a	340									
	b	500									
Load Capacity (Including Fixturing)	kgs	500						1500			
Drive Type		Manual Spin / Optional Power Spin									
Encoder Count (Data Points Per Rev)	PPR	1280 (Optional 1600, 2560 and 3200)									
Centring Range	mm	+/-10									
Levelling Range	Deg	+/-1									
Measurement Channels		2 Channel (2C) or 4 Channel (4C)									
Bearing Type		Air Bearing									
Radial Runout of Axis	µm	0.1									
Axial Runout of Axis											
Coning of Axis	Arc Sec.	+/-0.25									
Runout (Height)	mm/meter	0.0024									