

The DS-200i is available in two standard sizes:

DS-200 Series	Motion Envelope Linear Axes			Max. Part Diameter mm (inch)	Turntable Capacity kg (lbs)
	X mm (inch)	Y mm (inch)	Z mm (inch)		
DS-200i - 1800	2000 (78)	1500 (59)	1,300 (51)	1,800 (70)	1,500 (3,300)
DS-200i - 2000	2000 (78)	1800 (70)	1,300 (51)	2,000 (78)	2,000 (4,400)

Alternate dimensions can be provided upon request.

As with all ScanMaster scanners, the tank is separate from the gantry, which encompasses the tank from two sides and the rear only. The X axis is driven along the bridge beam, which is positioned over the Y axis motion on both sides of the tank. This configuration ensures a clear view of the tank and provides the operator and part loader with easy and safe access to the front of the tank.

All linear axes are made up of high precision modules with sliding covers to prevent accumulation of dust and other particles. The system utilizes ScanMaster's standard dual-gimbal probe manipulator with its SafeGuard anti-collision fuse.

High-speed action jacks enable the Lifting platform to reach speeds of up to 25 mm/sec.

The following optional features can be delivered with the turntable:

- Motorized chucks
- Anti-slipage covers



The DS-200i can be installed in either of the following foundation configurations:

- Tank on floor – In this configuration the customer provides a platform (with a stair case) for the operator workstation. This option is less expensive, but may have an impact on convenience of system operation.
- Tank in pit (gantry remains floor mounted) – This configuration requires a pit to be constructed in the factory ground, but provides more convenience and a safer environment for system operation and part loading/unloading.

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