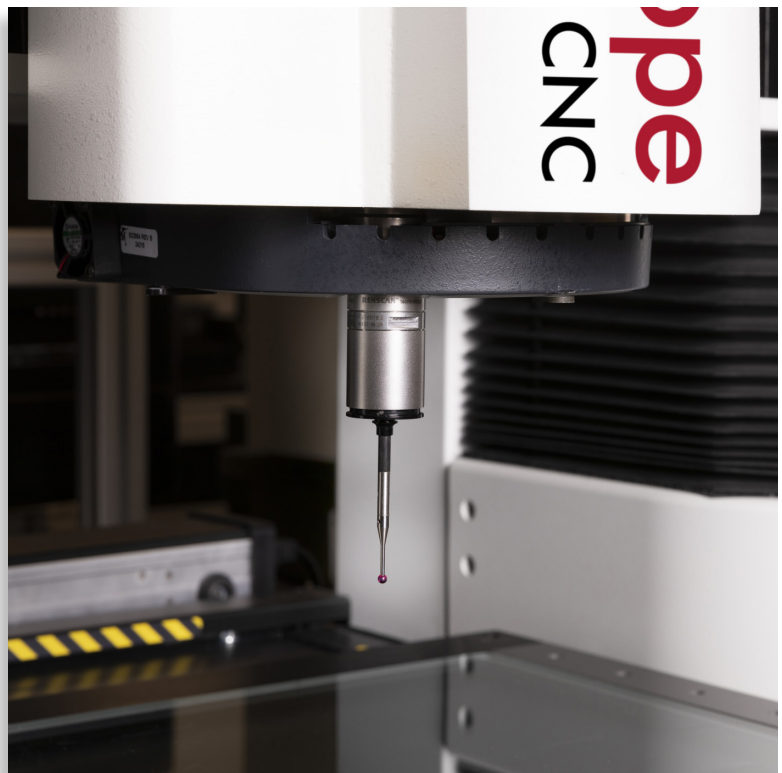


Scanning Probe

The **SP25M Scanning Probe** provides continuous contact scanning which offers high-speed data gathering on complex surfaces, large or small variations in surface contours. Also ideal to measure a form of a feature in almost any orientation. Other advantages include:

- **Easy to Use –**
Simply select a start and end point and the scanning probe follows the part profile between those points. Both programming and measurement times are greatly reduced compared to single point probing.
- **Automatic Use –**
Scanning probes on SmartScope® systems are mounted in fixed positions offset from the optics and can optionally be incorporated with automatic deployment mechanisms and articulating heads on select systems.
- **Intelligent Algorithms –**
Using intelligent algorithms, ZONE3® metrology software drives the probe, rapidly following the part contour and collecting data points at a user-defined velocity and data sampling rate. The scanning probe automatically adjusts point density when the probe is rounding curves.

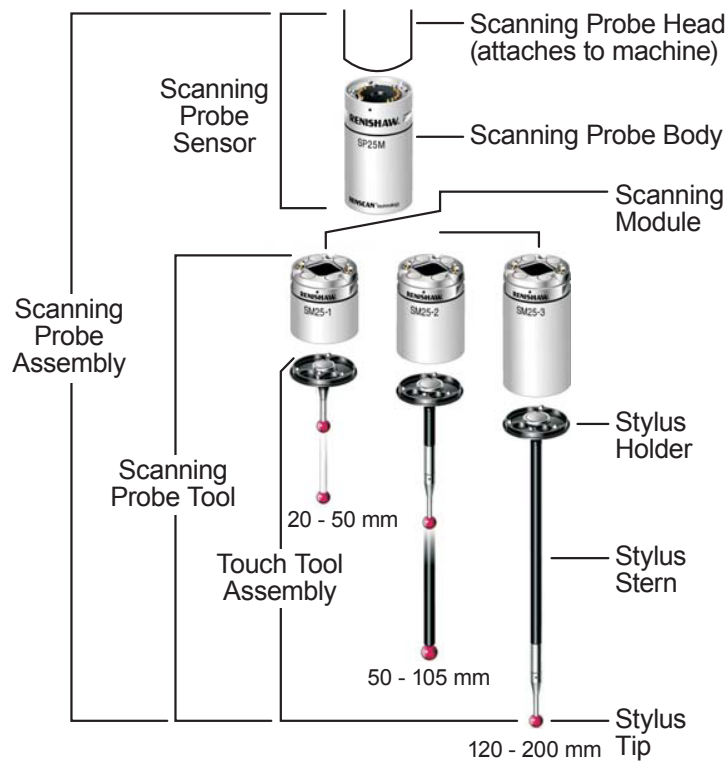
Continuous Contact Scanning Capability



Machine shown with SP25M Scanning Probe.



Scanning Probe



Technical Specifications

	Standard	Optional
Available for	SmartScope ZIP®, Flash™ CNC ¹ , SP and Vantage™ systems, FlexPoint®, and Fusion systems	
Compatible Metrology Software	ZONE3®	
Supported Touch Probes	SP25M	TM25-20 and PAA1
Mounting²	Fixed position offset from the optics	Automatic deployment mechanisms and articulating heads on select systems
Change Rack(s)		3 or 6-position
XYZ Frame of Reference	Freely interchange touch probe measurements and those taken by other sensors within the same measurement routine	
Accessories		Scanning Probe Kits, Scanning Module Kits, Calibration Kits. Calibration kit includes certified reference sphere, kinematic mounting base, and calibration certificate

¹SP25M not available on CNC 15XX models.

²Automatic deployment mechanism standard on Fusion. Articulating head standard on FlexPoint.



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