



## 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.

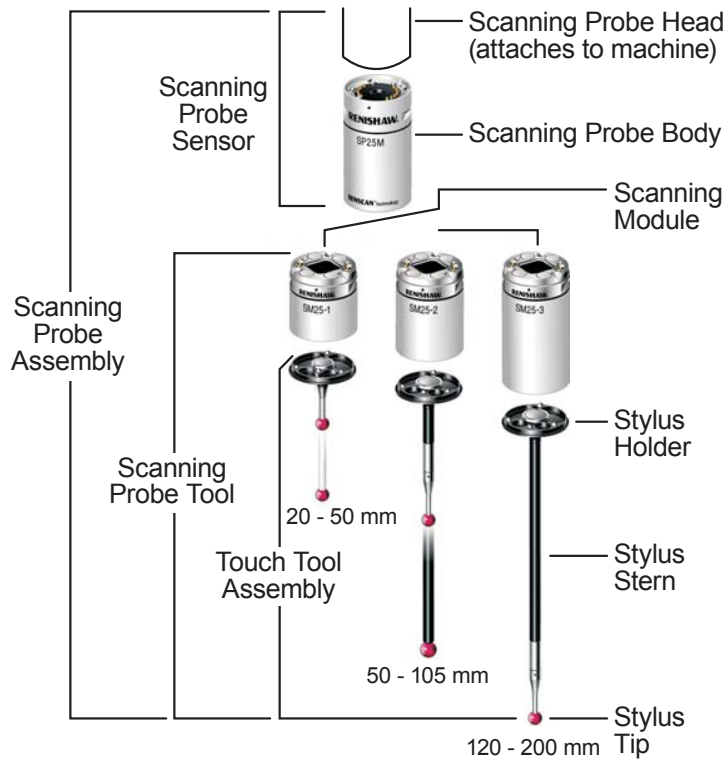
## Continuous Contact Scanning Capability



Machine shown with SP25M Scanning Probe.



# Scanning Probe



## Technical Specifications

	Standard	Optional
<b>Available for</b>	SmartScope ZIP®, Flash™1, SP and Quest™ systems, Benchmark™, FlexPoint®, Fusion, and Summit™ systems	
<b>Compatible Metrology Software</b>	ZONE3®	
<b>Supported Touch Probes</b>	SP25M	TM25-20 and PAA1
<b>Mounting<sup>2</sup></b>	Fixed position offset from the optics	Automatic deployment mechanisms and articulating heads on select systems
<b>Change Rack(s)</b>		3 or 6-position
<b>XYZ Frame of Reference</b>	Freely interchange touch probe measurements and those taken by other sensors within the same measurement routine	
<b>Accessories</b>		Scanning Probe Kits, Scanning Module Kits, Calibration Kits. Calibration kit includes certified reference sphere, kinematic mounting base, and calibration certificate

<sup>1</sup>SP25M not available on Flash 15XX models.

<sup>2</sup>Automatic deployment mechanism standard on Fusion. Articulating head standard on FlexPoint.



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