







Probehead Comparison

Every Aberlink system fully supports the range of touch trigger probes and probe heads from Renishaw. This table provides a comparison of our most popular probe heads.

Probe Head	Description	Integral Probe	Maximum Length Probe and Stylus	Index Motion	Index Resolution	Index Positions	Repeatable Indexing	Repeatable Stylus Changing
 <p>TP8</p>	<p>Ideal solution for low volume inspection</p> <p>Manual head and touch probe</p> <p>Swivel "tilt and rotate" mechanism</p>	Yes	105mm	Manual	Infinite	Infinite	No	No
 <p>MH20i</p>	<p>Productivity solution for manual CMMs</p> <p>Manual head and touch probe</p> <p>Repeatable indexing and stylus changing</p> <p>Longer maximum probe length</p>	Yes	150mm	Manual	15°	168	Yes	Yes
 <p>RTP20</p>	<p>Cost effective solution for CNC CMMs</p> <p>Automated head and touch probe</p> <p>Repeatable indexing and stylus changing</p> <p>Longer maximum probe length</p>	Yes	168mm	Automated	15°	168	Yes	Yes

<p>PH10T</p> 	<p>Performance solution for large CMMsFully motorised probe head Repeatable indexing and stylus changing Longest possible maximum probe length Greatest number of probe positions (TP20, TP200)</p>	<p>No</p>	<p>450mm</p>	<p>Motorised</p>	<p>7.5°</p>	<p>720</p>	<p>Yes</p>	<p>Yes</p>
<p>PH10M</p> 	<p>Performance solution for large CMMsFully motorised probe head Repeatable indexing and stylus changing Longest possible maximum probe length Greatest number of probe positions (SP25)</p>	<p>No</p>	<p>450mm</p>	<p>Motorised</p>	<p>7.5°</p>	<p>720</p>	<p>Yes</p>	<p>Yes</p>
<p>PH20</p> 	<p>Performance solution for CNC CMMsFully motorised indexing head Infinite repeatable indexing Probe stylus changing</p>	<p>Yes</p>	<p>168mm</p>	<p>Motorised</p>	<p>0.4 μRadians</p>	<p>Infinite</p>	<p>Yes</p>	<p>Yes</p>