



Paesold scientists have invented a unique quality control system. This Arcometer[®] system is exclusive to Paesold and was developed by Paesold Master Bow Makers to combine the best of modern technology with a tradition of bow making that stretches back over 100 years. This process allows the craftsmen to evaluate the quality of each raw bowstick, to 'look into the wood' in advance of manufacture.

Once the bowstick has been measured, the Arcometer[®] test results objectively inform the Paesold Masters about wood qualities such as stiffness, flexibility and density. At this stage the weight and diameter of the bow is decided, which ensures that the bow achieves the optimum levels in playing and sound qualities.

This quality evaluation in combination with the expertise of the Paesold Masters ensures that the properties of a Paesold bow are kept within very narrow tolerances and enables Paesold bows to have consistent characteristics throughout the entire range. All Paesold bows are hand finished by skilled makers and inspected at every stage by Master Bow Makers.

Arcometer[®]

For bow specifications, please see the end of this section.