AMETEK Precitech Inc. is an ultra precision systems manufacturer. Since 1962, Precitech has delivered complete ultra precision solutions and maintains an installed base of over 1,500 systems worldwide. Our global staff of more than 100 talented individuals is supported by a 60,000 sq. ft. manufacturing facility.

Our sales, service, and application engineers are located throughout North America, Europe and Asia enabling us to have the global reach to quickly solve complex machining challenges and deliver machine tool solutions second to none.

Precitech follows a vertically integrated manufacturing strategy. We control the manufacturing and engineering of the key elements directly responsible for the core accuracy of our machines including spindles, slideways, and motion control systems.

This unique manufacturing strategy along with our application and product development engineering expertise allow us the flexibility to be innovative in solving our customers’ needs.

Precitech is a unit of the Ultra Precision Technologies division of AMETEK. Ultra Precision Technologies is a pioneer in the development of ultra precision measurement instruments and a global leader in ultra precise machine tools and manufacturing systems for the semiconductor, photovoltaic, nanotechnology, military, defense and ophthalmic lens markets.

The single source for ultra precision machining solutions

Precitech follows a scientific approach to its ultra precision systems design. Our focus is on making our machines productive and easy to use for our customers without having an impact on the core accuracy of our machines. Our two main product lines are multi-axis small and large frame ultra precision machining systems for diamond turning, milling and grinding. Our machines produce rotationally symmetric, asymmetric, freeform and sculpted geometries. Key end user markets include optical lenses, mold inserts, mirrors, and precision mechanical components.

A commitment to innovation and customer service

In addition to our ultra precision machines, Precitech also offers its customers an array of solutions and services. These products have been developed in response to many years of listening to what is important to our customers. One of these products include our revolutionary Virtual Center Technology which enables efficient tool normal machining utilizing a rotary B-axis.

Global sales, service, and application support

Precitech offers sales, service, and application support through its regional offices located around the world.