Tech-Etch specializes in photo etching parts from difficult to etch specialty materials, such as Elgiloy, Titanium, Polyimide and Nitinol, which have characteristics attractive to the medical industry for implants, springs, cathodes, blades, and stents. Parts can be made from metals as thin as .0005".

Tech-Etch also photo etches parts from other metals such as Copper Alloys, Tungsten, Molybdenum, Stainless Steels, Aluminum, Nickel Alloys and Spring Steels. Photo etching offers the flexibility of manufacturing prototype quantities to large production runs while maintaining tight tolerance without the high tooling costs and long lead times associated with stamping.

In addition to photo etching, Tech-Etch offers a wide variety of in-house capabilities including laser cutting for thicker materials, forming, laminating, and stamping.

Formed parts are manufactured by combining photo etching, used for blanking, with inexpensive or universal tooling, used for forming. Heat treatment is available to enhance spring qualities.