



Vacuum Brazing Diffusion Bonding

PacAero joins dissimilar materials such as titanium, aluminum, zirconia, and more. We've been making these medical feedthrus and assemblies for more than 25 years.

Advanced Implantable Viability

PacAero's packaging solutions address potential rejection issues by using materials with a proven track record of implantable viability. For example, we utilize advanced ceramic materials in a housing that enable a cochlear implant to reside safely within the human body without incident for decades.

Smaller, More Durable Components

PacAero has developed a ceramic-to-metal joining technology to make components smaller without compromising performance. Our RF transplant ceramic enables device manufacturers to communicate with devices from outside the body. Using smaller components and strengthening advancements, we have increased the durability of implantable medical devices.

Kryoflex

Kryoflex is a family of polycrystalline ceramics developed by PacAero for hermetically sealing together materials used in electrical feedthrus and is very effective at prohibiting the influx of any fluids or gases into the internal electronic circuitry. Kryoflex is used to manufacture ultra-reliable feedthrus for a wide-variety of implantable devices.



For more information, contact us at info.wenatchee@pacaero.com