



# Tweezers – Electro Polishing Fixture

Chemical Processing – Electro Polishing – Laboratory Equipment

## General Information

**Customer:** St. Jude Medical, USA  
**Product:** Tweezers  
**Application:** Electro-Polishing in Perchloric Acid  
**Install Date:** 2003

## Problem

The customer has experienced problems with heavy corrosion attack during electro polishing in perchloric acid. Since electrical contact is needed, a polymer solution is not possible. The customer experienced extensive corrosion problems with leading to short product lifetimes. A solid tantalum solution was extremely difficult to apply due to a complex geometry and mechanical properties needed.

## Solution

The **Tantaline JobShop** solution was applied to customer supplied equipment.

## Result

Since 2003 no failures have been reported to date.



[www.tantaline.com](http://www.tantaline.com)