

# TLD ANNEALING PLANCHET

## Item 163-000

**Before Use:** Remove plastic cover and bake planchet for four hours at 400° C.

### **TLD Procedure:**

- Bake TLD chips at 400° C for 1 hour, then quench between Brass Cooling Plates (Item 164-000)
- Bake TLD chips at 80° C for 16 to 24 hours or 100° C for 2 hours
- Expose to radiation
- The TLD reader preheat cycle is set at 100° C
- The TLD's should be read under a low amount of nitrogen, either 1.88 SLPM (Standard Liters per Minute) or 4 SCFH (Standard Cubic Feet per Hour).

**To Clean Holes:** Use a cotton swab

**Placing chips:** We recommend the use of a tested RPD Vacuum Tweezer