

## Infragold<sup>®</sup> Reflectance Coating

### 1. General Care

The diffuse gold coating used in Labsphere standards, targets, and integrating spheres must be treated with care. Wear clean gloves when handling Infragold products. Protect the gold coating from corrosive chemicals, as well as, from scratching and denting.

### 2. Cleaning Instructions

If Infragold coating becomes soiled, it may be cleaned using the following procedure:

1. Spray the soiled area with a reagent grade acetone.
2. Rinse the area with a spray of deionized water.
3. Dry the surface by blowing off with clean dry nitrogen or clean dry air.

### 3. Liquid Cooled Infragold Integrating Spheres

Care must be taken not to over-pressurize the liquid cooled spheres. If pressure at the inlet to the integrating sphere exceeds 40 psi, damage to the sphere will occur. Labsphere suggests using a pressure gauge in the coolant line.

*For further information on the care and handling of Infragold Reflectance Coating, please contact the Labsphere Technical Sales Department.*