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## CARE AND CLEANING OF PRECISION SIEVES

### WARNING!!!

Precision sieves incorporate an unsupported electroformed nickel mesh, which are very fragile and require special handling. Long sieve life can be obtained by observing the following guidelines:

1. Sample size should be limited for the initial test to a maximum of 2 cc. Experience may necessitate the use of a greater volume, depending on the material. Never exceed a sample of 2 g by mass or 4 cc by volume.
2. **Never** touch the sieve screen with your fingers or objects other than your test samples. Acids in perspiration will permanently stain or damage your screen.
3. Use only one precision sieve at a time when performing separations of 30 $\mu$ m or smaller.
4. Set sift amplitude at zero to begin the test, and gradually increase until sample material rises to a maximum height of ¼" above the screen surface.
5. Clean with a mild solution of detergent and warm water (70°F to 85°F). When washing, hold the sieve in the vertical position and afterward gently flush the sieve with distilled water. Allow to air dry. **Do not ultrasonically clean precision sieves.**
6. **Never** use a brush or forced air to clean your precision sieves.
7. **Never** expose precision sieves to radiant energy or temperatures above 120°F.
8. After each use, always store precision sieves in the original protective box in a clean, dry environment.

*\* Failure to abide by these guidelines may void the manufacturer's warranty.*