



MICROPLATE PRECISION SIEVES

IMPORTANT INSTRUCTIONS – DO NOT DESTROY

Endecotts Microplate sieves incorporate an electro-formed nickel sieving medium which is fragile and must be treated accordingly. However, long life and accurate results can be obtained by following six basic rules:

1. SAMPLE SIZE should be limited for the initial test to a minimum of 2 cm³. Experience may necessitate the use of a greater volume, depending on the material. Never exceed 2 grams by weight or 4 cm³ by volume, whichever is prevalent.
2. IF USING A SIEVE SHAKING APPARATUS set the machine amplitude to zero to begin test and gradually increase until the material rises to a maximum height of ¼" (6 mm). However efficient, the best separation will occur at or below this limit.
3. NEVER TOUCH THE SIEVING MEDIUM with your fingers. Acids in perspiration may permanently stain and/or cause deterioration of the mesh material.
4. USE A SINGLE PRECISION SIEVE in the stack when performing separations in the sub-sieve particle size. (30 µm and smaller.)
5. CLEAN THE SIEVES with a small ultrasonic cleaner, 150 Watts or less. A warm solution of mild detergent should be used in the ultrasonic cleaner. For some materials Freon TF can be used. The temperature of this solution should be maintained between 20°C and 30°C (70- 85°F). To avoid undue strain on the sieving medium when inserting them into the ultrasonic cleaner, the precision sieve should be placed edgewise into the bath. NEVER use forced air to blow materials from these sieves. **Please Note:** Thermal exposure of precision sieves should not exceed 50°C (120°F). Avoid direct exposure to radiant heat.
6. RETURN PRECISION SIEVES TO THEIR PROTECTIVE BOXES after use.

PLEASE NOTE: Sieves with apertures close to the lower lines per inch (lpi) limit are normally supplied as they are more durable for routine testing. Sieves with a greater lpi provide a better completion time but are not as durable.

Endecotts Ltd
Parsons Lane, Hope
Hope Valley, S33 6RB
United Kingdom