

INSTRUCTIONS FOR SST CELL DISSOCIATION SIEVES

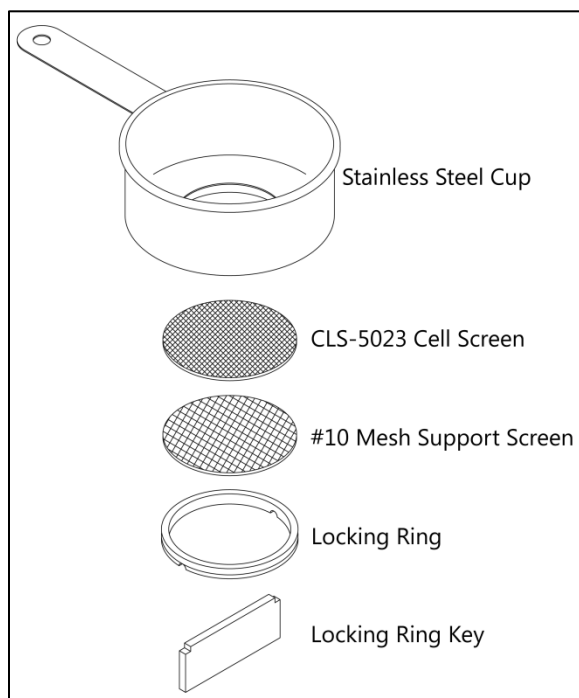
The SST Cell Dissociation Tissue Sieve is designed to extract cells from large samples of tissue. This process is similar to using a pestle and mortar when reducing a solid sample to a powder.

The procedures are as follows:

1. Select the appropriate screen between 20 and 500 mesh. Use the chart below to select your screen mesh size and install the screen as shown.
2. Place the 10 mesh support screen over the fine mesh chosen.
3. Screw in the locking ring using the locking ring key.
4. Place a small piece of sample tissue in the pan and use the glass pestle to grind the sample through the fine mesh screen.

Reference: Mesh Micron Conversion Chart

The chart below details the equivalents to convert from mesh to micron or vice versa. These measurements indicate the mesh or pore openings in your filter bag material.



Micron	U.S. Mesh	Inches
2000	10	0.0787
841	20	0.0331
595	30	0.0232
420	40	0.0165
297	50	0.0117
250	60	0.0098
177	80	0.007
149	100	0.0059
105	140	0.0041
88	170	0.0035
74	200	0.0029
44	325	0.0017
37	400	0.0015

Chemglass Life Sciences 3800 N. Mill Road, Vineland, NJ 08360 USA
Phone: 1-800-843-1794 • Fax: 1-800-922-4361 • www.cglifesciences.com

