



Tissue Grinders Potter-Elvehjem

Potter Elvehjem, All Glass



- Designed for a motor drive using a 788000 Stirrer Adapter.
- All-glass construction
- Replacement components are available and completely interchangeable
- Clearance between pestles and tubes is 0.004" to 0.006"
- Special clearance pestles can be manufactured upon request.
- Manufactured from 33 expansion, low extractable borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class A requirements



Part #	Size	Working Capacity (ml)	Pestle Length (mm)	Pestle Shaft OD (mm)	Tubes Length (mm)	Tube Reservoir OD (mm)
885500-0019	19	1	145	5	95	13
885500-0021	21	5	205	6	140	16
885500-0022	22	8	215	8	150	18
885500-0023	23	17	265	10	175	25
885500-0024	24	45	315	10	220	32

Potter Elvehjem, Large Volume, PTFE Pestle and Glass Tube

- Large volume with a finely machined PTFE pestle
- Tube has a convenient pouring lip
- Radial serrations on the lower portion of the pestle deliver the homogenate into the cylindrical portion of the tube
- Replacement components are available and completely interchangeable
- Clearance between pestles and tubes is 0.004" to 0.006"
- Manufactured from 33 expansion, low extractable borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class A requirements



Part #	Working Capacity (ml)	Pestle Length (mm)	Pestle Shaft OD (mm)	Tubes Length (mm)	Tube Reservoir OD (mm)
885520-0100	100	349	6	232	57

* For component parts please contact De-Groot office



Potter-Elvehjem with PTFE Pestle and Graduated Glass Tube

- A graduated tube and a finely machined PTFE pestle comprise this popular style
- Radial serrations on the lower portion of the pestle deliver the homogenate into the cylindrical portion of the tube
- Graduations are fused into the glass
- Replacement components are available and completely interchangeable
- 4 mL tubes have a clearance of 0.003-0.005" between pestles and tubes
- 10 mL tubes have a clearance of 0.004-0.006" between pestles and tubes
- 30 mL tubes have a clearance of 0.005-0.007" between pestles and tubes
- 50 mL tubes have a clearance of 0.006-0.009" between pestles and tubes
- Manufactured from 33 expansion, low extractable borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class A requirements



Part #	Working Capacity (ml)	Size	Graduation Range (ml)	Graduation (ml)	Pestle Length (mm)	Pestle Shaft OD (mm)	Tube Length (mm)	Tube Reservoir OD (mm)
885510-0020	4	20	0.5-4	0.5	215	4	125	16
885510-0021	10	21	1-9	0.5	213	6	128	22
885510-0022	30	22	2-25	1	225	6	160	35
885510-0023	55	23	6-50	2	231	6	170	41

Potter-Elvehjem, PTFE Pestle and Glass Tube

- Similar to 885500 but with a PTFE pestle and an unground tube
- Sizes 21 to 24 have radial serrations on the lower portion of the pestle to deliver the homogenate into the cylindrical portion of the tube
- Replacement components are available and completely interchangeable
- Clearance between pestles and tubes is 0.004" to 0.006"
- Manufactured from 33 expansion, low extractable borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class A requirements



Part #	Size	Working Capacity (ml)	Pestle Length (mm)	Pestle Shaft OD (mm)	Tube Length (mm)	Tube Reservoir OD (mm)
886000-0018	18	0.5	130	3	80	12
886000-0019	19	1	154	5	95	12
886000-0020	20	3	154	5	115	12
886000-0021	21	5	215	6	140	15
886000-0022	22	8	212	6	150	19
886000-0023	23	17	266	6	175	25
886000-0024	24	45	269	6	220	32

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