

Low Volume Flocells

The Low Volume Flocell (LVF) is available for use with either the 0500 or 0700 system. The Flocell (#4650) is equipped with ¼" (6 mm) hose barb fittings and does not include a probe. A ½" (12 mm) replaceable tip probe (#4643) or ½" (13 mm) solid probe (#4644) must be ordered separately. These probes feature a flange for proper mounting with the LVF. The replaceable tip probe is for use with aqueous samples only. Solid tip probes can be used with all types of solvents or low surface tension liquids.

Sonication generates heat so a Water Jacket (#4655) is available if the process requires cooling. The water jacket slides over the LVF and is used to recirculate cold water around the exterior of the focell body. The water jacket includes ¼" (6 mm) hose barb fittings.

The LVF is recommended for processing sample volumes above 1L. Routine applications include cell lysis, mixing, solubilizing and deagglomerating/dispersing nanoparticles.



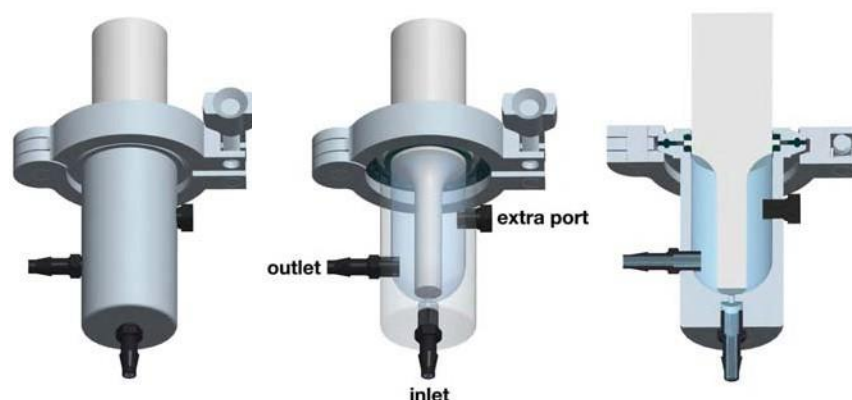
LVF Assembly
with Probe



Flocell Assembly
with Water Jacket



Probe



4650	Low Volume Flocell <ul style="list-style-type: none"> • Material: 316L Stainless Steel • Operating pressure: 40-100 psimax. • Internal volume: 65ml • Maximum flow rate: 0.5L/min • Hose barb fittings for ¼" (6 mm) ID tubing • Dimensions (HxD): 9.1 x 3.5 in. 228 x 89 mm — dimensions include probe and clamp
4643	½" (13 mm) Replaceable tip probe with flange for #4650
4644	½" (13 mm) Solid tip probe with flange for #4650
4655	Water Jacket for #4650

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