

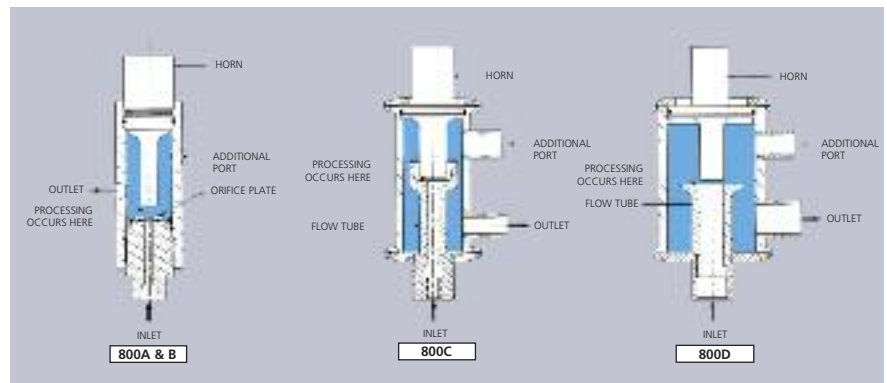
## Flocells

Flocells offer inline or continuous processing of large sample volumes. Flocells are ideal for mixing and dispersing applications and can accommodate flow rates up to 40 liters per minute.

The liquid sample is pumped into the Flocell through the inlet at the bottom of the unit. As the sample passes through the cavitation field, it is processed. The processed liquid exits the unit through an outlet port. The sample can be recirculated multiple times if necessary. The degree of processing may be controlled by adjusting both the amplitude setting and the flow rate.



Each size is available in stainless steel and #800A is made of polycarbonate. The polycarbonate unit allows the user to view the liquid level inside the Flocell. A Flocell with sanitary connections for sterile processing is also available. Pump systems are not included.



## Ordering Information

**800A** and **800B** are supplied with casing,  $\frac{3}{32}$ " and  $\frac{1}{8}$ " orifice plates. A  $\frac{1}{2}$ " horn must be ordered separately.

### Replacement Orifice Plates

#### Part #

- 842**  $\frac{3}{32}$ " Orifice plate
- 843**  $\frac{1}{8}$ " Orifice plate
- 840** Blank orifice plate with pilot hole (extremely low flow rates)

**800C** is supplied as Flocell casing only. Horn and matching flow tube must be specified and ordered separately.

#### Part #

- 820CT**  $\frac{1}{2}$ " Tapped processing horn
- 820C**  $\frac{1}{2}$ " Solid processing horn
- 821CT**  $\frac{3}{4}$ " Tapped processing horn
- 821C**  $\frac{3}{4}$ " Solid processing horn
- 822CT** 1" Tapped processing horn
- 822C** 1" Solid processing horn

**845** Flow tube for use with 820CT, 820C, 821CT or 821C

**846** Flow tube for use with 822CT or 822C

**800D** is supplied as Flocell casing with flow tube. The horn must be specified and ordered separately.

#### Part #

- 822DT** 1" Tapped horn
- 822D** 1" Solid horn

### Replacement Flow Tube

#### Part #

- 847** Flow tube

Part #	800A	800B	800C	800D
Maximum Flow Rating	0.67 lpm	0.67 lpm	20 lpm	40 lpm
Static Pressure Rating	50 psi (350 kPa)	100 psi (700 kPa)	100 psi (700 kPa)	100 psi (700 kPa)
Inlet/Outlet Size	$\frac{1}{4}$ " NPT	$\frac{1}{4}$ " NPT	$\frac{1}{2}$ " NPT	1" NPT
Material of Tube Body	Polycarbonate	Stainless Steel	Stainless Steel	Stainless Steel