

**SHEFFIELD SEPARATOR MODEL SS700
SPECIFICATIONS 0310**

MAXIMUM PRESSURE: 750 PSIG

MAXIMUM FLOW RATE:

GAS:	10 SCFM	w/ 100 psig
LIQUID:	5 GPM	w/ 100 psig

MINIMUM FLOW RATE:

GAS:	1.5 SCFH
LIQUID:	2.5 GPH

OPTIMUM FLOW RATE:

GAS:	First Chamber Exit: 5 SCFH - 10 SCFM Second Chamber Exit: 2 - 5 SCFH
LIQUID:	First Chamber Exit: 3 GPH - 2 GPM Second Chamber Exit: 3 - 6 GPH

MAXIMUM TEMPERATURE: 300° F (149° C)

PRESSURE DROP: 2 PSIG

MATERIALS OF CONSTRUCTION: 316L Stainless Steel (Other Materials Upon Request)

DIMENSIONS: 1.5" X 3" X 7"

INTERNAL VOLUME: 33 cu. cm.

INLET: 3/8" Tubing (3/4" Straight-F -SAE10)

OUTLET TO ANALYZER: 1/8" Tubing (1/8" NPT-F)

OUTLET TO RETURN: 1/2" Tubing (1 1/16" Straight - SAE 12)
(3" Min. Straight Run)

OTHER MODELS AVAILABLE WITH VARYING SPECIFICATIONS

SERIES 700:

SS700GF: 7" Sheffield Kinetic Separator for gas service with 2 – 6" hydrophobic filter
SS700LF: 7" Sheffield Kinetic Separator for liquid service with 2 – 6" hydrophobic filter

SERIES 300:

SS300: 3" Dual Sheffield Kinetic Filter Housing with 2 – 2 1/4" filters in series and condensable removal

SERIES 1200:

SS1200 GF: 12" Sheffield Kinetic Separator for gas service with hydrophobic filter.
SS1200LF: 12" Sheffield Kinetic Separator for liquid service with hydrophobic filter.
SS1200LF-H2O: 12" Sheffield Kinetic Separator for removal of water from liquid hydrocarbon
SS1200PT: 12" Sheffield Kinetic Separator for removal of particulate in gas or liquid
SS1200G: 12" Sheffield Kinetic Separator for gas service with mist catcher