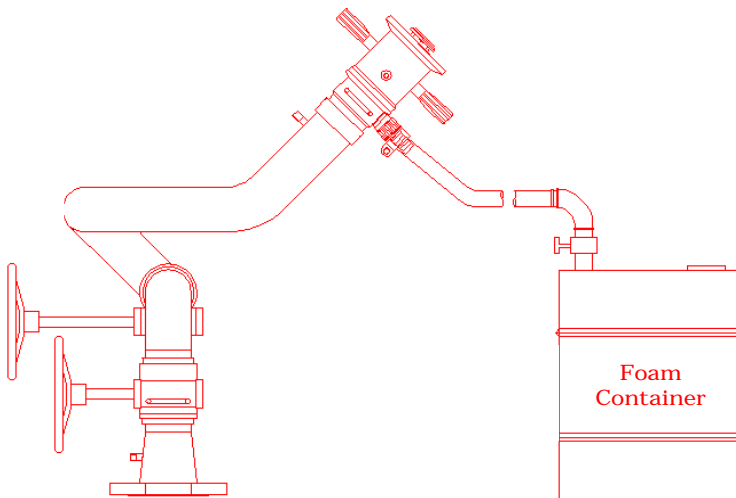
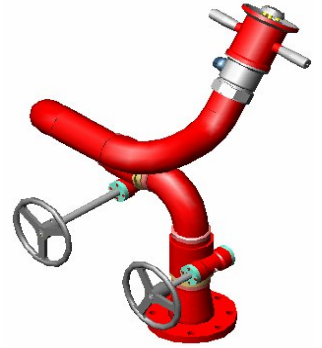


UL LISTED FIRE FOAM MONITOR

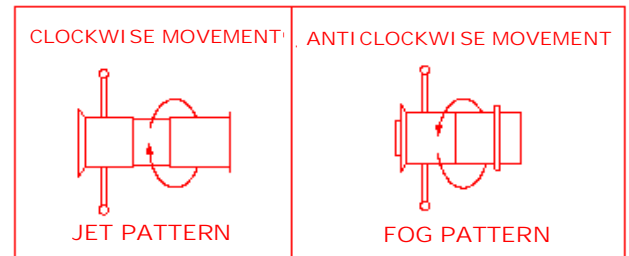
MODEL GGT SGR 500

1. GENERAL DESCRIPTION

The manually operated Self-inducting non-aspirating Foam Monitor fully made of Stainless Steel, capable of discharging 500 US GPM (1893 LPM) at 100 psi inlet pressure over a range of 50 meter in horizontal direction. Foam proportioning 3 % is done with help of Foam Inductor placed within the Nozzle. The Foam Monitor has facility for converting Water/Foam jet to fog and vice-versa very quickly and easily, even during continuous operation. Foam Monitor is provided with self-locking swivel gear bearing for smooth rotation in horizontal and vertical direction through hand wheel operation even under high operating pressures. For Longer and reliable operation Gear & Worm mechanism is completely sealed type and free from any environmental impact or atmosphere. A single fire fighter can manually operate the Foam Monitor with large flow & long-range capability. The monitor assembly is designed to withstand the nozzle reaction force experienced during the operation of jet/ fog.



Jet & Fog Adjustment



2. SALIENT FEATURES

- ⚙ Certified & Approved by **(UL) Underwriters Laboratory USA**
- ⚙ Discharge Capacity of 500 US GPM (1893 LPM) at 100 Psi (7 bar) inlet pressure
- ⚙ Excellent Horizontal throw of 50 meters and above
- ⚙ Excellent Full Fog & Semi Fog Coverage
- ⚙ Low Expansion, Hence less loss of foam and more cooling effect on hot surface
- ⚙ Quick change over from jet to fog even during operating pressure.
- ⚙ Easy maneuverability in horizontal and vertical plane
- ⚙ Fully Stainless Steel Construction.
- ⚙ Almost maintenance free.
- ⚙ Available in Fixed and Mobile Version.
- ⚙ Various Metallurgy options

3. APPLICATION

The Monitor is highly effective with water and foam for fast knockdown of Fires at Oil & Gas Plants, Off-Shore & On Shore Platforms, Oil Refineries, Petroleum Storage Tanks & Depots, Chemical & Fertilizer Plants, Steel Plants, Power Plants, Ammunition Depots, Defense Stores, Naval Ships And Submarine, Ships & Oil tankers Ports & Jetties Etc.

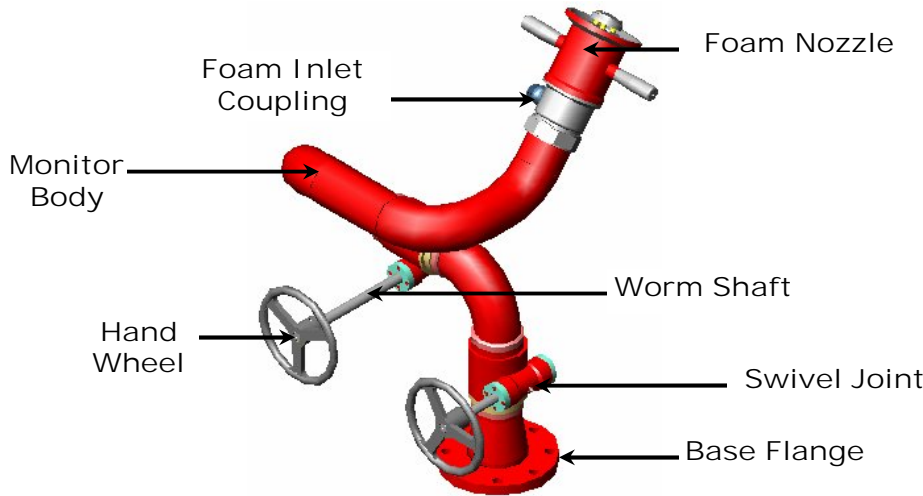
UL LISTED FIRE FOAM MONITOR

MODEL GGT SGR 500

4. TECHNICAL SPECIFICATION

⚡	Flow at 100 psi (7 bar) pressure	:	500 US GPM (1893 LPM)
⚡	Nozzle	:	Non-aspirating type
⚡	Induction Type	:	SELF Type
⚡	Induction Rate	:	3 % (As Per UL Guidelines)
⚡	Foam Pick Up Tube	:	PVC 3 meter with Fittings.
⚡	Monitor Elevation	:	+90 ⁰ & - 30 ⁰ Vertical
⚡	Rotation	:	360 ⁰ Horizontal.
⚡	Water way size	:	75 NB
⚡	Inlet Flange Size	:	4" NB 150# S.O.R.F Flange
⚡	Hydrostatic Test Pressure (Monitor)	:	21 bar.
⚡	Finish/ Paint	:	Fire red shade of Epoxy / Powder Coating.

5. MATERIAL OF CONSTRUCTION FOR MONITOR AND NOZZLE



Base Flange	:	SS 304
Monitor Body	:	SS 304
Swivel Joint	:	SS 304 / Gun Metal / Bronze
Worm Shaft	:	SS 304
Hand Wheel	:	SS 304
Foam Nozzle	:	SS 304 / Aluminum / Bronze / Gun Metal

MONITOR ALSO AVAILABLE IN METALLURGY OF SS 316 FOR SPECIAL APPLICATION.

6. PERFORMANCE OF MONITOR AT 100 PSI (IN STILL AIR CONDITION)

a)	Water jet at 30° from Horizontal plane	:	50 mtrs.
b)	Foam jet at 30° from Horizontal plane	:	48 mtrs.
c)	Fog jet at 30° from Horizontal plane	:	15 mtrs.

7. APPROVAL: UL LISTED WITH FOLLOWING FEATURES

a)	Nozzle	:	Non Air Aspirating Nozzle
b)	Monitor Solution Flow	:	500 GPM
c)	Operating Pressure	:	100 PSI
d)	Induction	:	By Nozzle having Self Induction.