



# MONITORS

*Out of the ordinary  
environments demand  
beyond the ordinary  
protection*



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## Water Monitor Nozzle

Designed and engineered for industrial applications and heavy-duty use on fixed or portable monitors. Wide flows from 250 to 1250gpm and combination fog, straight stream and shut-off itself. Model SL-16CJ and SL-16J with a fixed gallonage flow, bronze construction for corrosion resistance. Model SL-16SN, 16NW and SL-16JNW with lightweight aluminium black anodized with round handle for easy control of fog and straight stream. These nozzles also are applicable to AFFF.



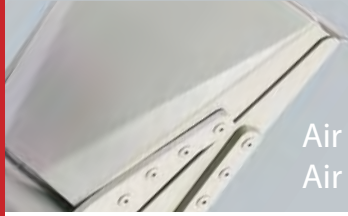
| Model       | Size        | Flow Rate (0.7MPa) | Length | Material & Remarks      |
|-------------|-------------|--------------------|--------|-------------------------|
| SL-16CJ     | NH 2½"      | 350 / 500 GPM      | 183mm  | Bronze, Manual          |
| SL-16J      | NH 2½"      | 750 GPM            | 205mm  | Bronze, Manual          |
| SL-16SN     | NH 2½"      | 300 GPM            | 169mm  | AL. , Manual / Electric |
| SL-16NW     | NH 2½"      | 350 / 500 GPM      | 178mm  | AL. , Manual / Electric |
| SL-16JNW    | NH 2½" / 3" | 750 / 1000 GPM     | 205mm  | AL. , Manual / Electric |
| SL-16JNW-3  | NH 2½" / 3" | 1250 GPM           | 230mm  | AL. / Manual            |
| SL-16JNEA-3 | NH 2½" / 3" | 1250 GPM           | 230mm  | AL. / Electric          |

## Foam Monitor Nozzle

This type of foam nozzle has it's own built-in foam eductor and, therefore, can be used for either foam or water application. Normally mounted on existing fixed or portable monitor to extinguish flammable liquids fire in storage tank of oil refineries, on barges or loading terminals.



| Model         | Size           | Flow Rate (0.7MPa) | Length | Material & Remarks        |
|---------------|----------------|--------------------|--------|---------------------------|
| SL-15FN-500   | NH 2½"         | 350 / 500 GPM      | 200mm  | Bronze, Manual / Electric |
| SL-15FN-1000  | NH 2½" / NH 3" | 750 / 1000 GPM     | 215mm  | Bronze, Manual / Electric |
| SL-15FNA-500  | NH 2½"         | 350 / 500 GPM      | 195mm  | AL. , Manual / Electric   |
| SL-15FNA-750  | NH 2½"         | 750 GPM            | 245mm  | AL. , Manual / Electric   |
| SL-15FNA-1000 | NH 2½" / NH 3" | 1000 GPM           | 250mm  | AL. , Manual / Electric   |



## Air Aspiring Foam Nozzle Air Foam Monitor Nozzle

### Air Aspiring Foam Nozzle

These low expansion aerating air foam nozzles are used in connection with fire hose and mainly used at hazardous storage tank, outdoor oil tank, airplane hangar, chemical plant, etc.

\* NH, BSP, BS Quick, Machino Quick Connection available.

\* Shoulder Strap available for 2-1/2"(65) size.

\* Option : Foam Adjuster (Metering Valve)



SL-17S



SL-17Q



SL-17PSQ



SL-19MP



SL-19MSQ



SL-19MB

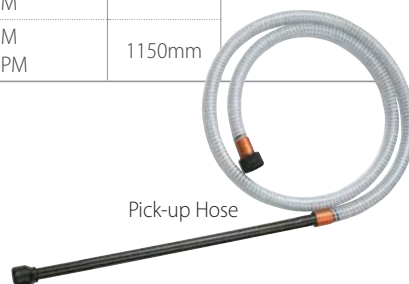
| Model    | Size      | Flow Rate (0.7MPa) | Length | Material & Remarks                   |
|----------|-----------|--------------------|--------|--------------------------------------|
| SL-17S   | NH 1½"    | 330 LPM            | 590mm  | AL. / No pick-up type                |
| SL-17    | NH 1½"    | 305 LPM            | 597mm  | AL.                                  |
| SL-17PS  | NH 1½"    | 305 LPM            | 637mm  | AL.                                  |
| SL-19MP  | NH 2½"    | 560 LPM            | 700mm  | AL.                                  |
| SL-19MSQ | Machino65 | 560 LPM            | 700mm  | AL. Shoulder Strap / No pick-up type |
| SL-19MB  | NH 2½"    | 560 LPM            | 815mm  | AL.                                  |

### Air Foam Monitor Nozzle

These low expansion aerating air foam nozzles are used in connection with foam monitor and mainly used at hazardous storage tank, outdoor oil tank, airplane hangar, chemical plant, etc.

\* Finish : Powder Coating

| Model      | Size            | Flow Rate (0.7MPa)       | Length | Material & Remarks |
|------------|-----------------|--------------------------|--------|--------------------|
| SL-19M     | NH 2½"          | 250 GPM                  | 900mm  | AL.                |
| SL-19GM    | NH 2½"          | 350 / 500 GPM            |        |                    |
| SL-19GMA   | NH 3"           | 750 / 1000 GPM           | 1150mm |                    |
| SL-19GM-L  | NH 2½"<br>NH 3" | 350 / 500 GPM<br>750 GPM | 900mm  |                    |
| SL-19GMA-L | NH 2½"<br>NH 3" | 750 GPM<br>1000 GPM      | 1150mm |                    |



SL-19GMA



SL-19GM-L



## Portable Monitor Fixed Monitor

### Portable Monitor

Portable monitor is used where fixed fire fighting facility is not available and fire fighters are hard to approach. This monitor protects fire fighters from dangerous situation. Made of light weighted aluminium for easy handling and securely fixed on the ground by s. steel foldable legs.

\* Bronze material available

#### SL-20S

- **Type** : Lever Operation
- **Size** : Inlet : NH 2-½"(F)  
Outlet : NH 2-½"(M)
- **Material** : AL
- **Elevation** : Up +85 / Down +35
- **Weight** : 12kg (with Leg)

#### SL-21A

- **Type** : Wheel Operation
- **Size** : Inlet : NH 2-½"(F) x 2  
Outlet : NH 2-½"(M)
- **Material** : AL
- **Elevation** : Up +85 / Down +5
- **Weight** : 26kg (with Leg)



SL-20S



SL-21A

### Fixed Monitor

Designed to use with small flow nozzles under 300gpm for small sized hazardous facility, high-rise ladder fire truck coal mine, etc. Connected to fire hydrant with flange or pipe thread connection.



SL-25P



SL-25F



SL-25S

#### SL-25P

- **Type** : Lever Operation
- **Size** : Inlet : NPT 2", 2-½"(F)  
Outlet : NH 2-½"(M)
- **Material** : AL or Bronze
- **Elevation** : +85 / -35
- **Weight** : 4.7kg

#### SL-25F

- **Type** : Lever Operation
- **Size** : Inlet : FLG. 2", 2-½"  
Outlet : NH 2-½"(M)
- **Material** : AL or Bronze
- **Elevation** : +85 / -35
- **Weight** : 5.3kg

#### SL-25S

- **Type** : Lever Operation
- **Size** : Inlet : NH 2-½"(F)  
Outlet : NH 2-½"(M)
- **Material** : AL or Bronze
- **Elevation** : +85 / -35
- **Weight** : 5.8kg (with Leg)



Fixed Monitor (Lever Type)

## Fixed Monitor (Lever Type)

Connected to fire hydrant, fire water line or fire truck, fixed monitor makes possible fire operation from longer distance. Foam or water is used for different fire situation. Lever makes easy and secure movement of left/right and up/down movement of monitor. Built-In Valve type monitor is available.

\* Option : Foam or Water Monitor Nozzle

### SL-23N

- **Size** : Inlet : FLG. 2-½", 3", 4"  
Outlet : NH 2-½"(M)
- **Material** : AL / Bronze / AL - Bronze
- **Elevation** : +85 / -45



SL-23N

### SL-23A

- **Size** : Inlet : FLG. 2-½", 3", 4"  
Outlet : NH 2-½"(M)
- **Material** : AL / Bronze / C.Iron
- **Elevation** : +85 / -45



SL-23A



SL-23NB

### SL-23NB

- **Size** : Inlet : FLG. 2-½", 3", 4"  
Outlet : NH 2-½"(M)
- **Material** : AL / Bronze / AL - Bronze
- **Elevation** : +85 / -45

\* Built-in Valve



SL-23WJ

### SL-23WJ

- **Size** : Inlet : FLG. 3", 4", 6"  
Outlet : NH 2-½"(M)
- **Material** : Bronze & S.S 304  
AL - Bronze & S.S 316
- **Elevation** : +85 / -45



SL-23AB

### SL-23AB

- **Size** : Inlet : FLG. 2-½", 3", 4"  
Outlet : NH 2-½"(M)
- **Material** : AL or Bronze or C.Iron
- **Elevation** : +85 / -45

\* Built-in Valve



Fixed Monitor (Wheel Operation Type)

## Fixed Monitor (Wheel Operation Type)

Connected to fire hydrant, fire water line or fire truck, fixed monitor makes possible fire operation from longer distance. Foam or water is used for different fire situation. Lever makes easy and secure movement of left/right and up/down movement of monitor. Built-In Valve type monitor is available.

### SL-26HM

- **Size** : Inlet : FLG. 2-½", 3", 4"  
Outlet : NH 2-½"(M)
- **Material** : AL / Bronze
- **Elevation** : +85 / -45



SL-26HM

### SL-26N

- **Size** : Inlet : FLG. 2-½", 3", 4"  
Outlet : NH 2-½"(M)
- **Material** : AL / Bronze / AL - Bronze
- **Elevation** : +85 / -45



SL-26N

### SL-26NB

- **Size** : Inlet : FLG. 2-½", 3", 4"  
Outlet : NH 2-½"(M)
- **Material** : AL / Bronze / AL - Bronze
- **Elevation** : +85 / -45

\* Built-In Valve



SL-26NB



SL-27A

### SL-27A

- **Size** : Inlet : FLG. 4", 6"  
Outlet : NH 3"(M)
- **Material** : AL / Bronze
- **Elevation** : +85 / -45



SL-26A

### SL-26A

- **Size** : Inlet : FLG. 2-½", 3", 4"  
Outlet : NH 2-½"(M)
- **Material** : AL / Bronze / C.Iron
- **Elevation** : +85 / -45



SL-26AB

### SL-26AB

- **Size** : Inlet : FLG. 2-½", 3", 4"  
Outlet : NH 2-1/2"(M)
- **Material** : AL / Bronze / C.Iron
- **Elevation** : +85 / -45

\* Built-In Valve

## Remote Controlled Monitor

Shilla's remote controlled monitors are designed to keep fire accident over industrial complexes, refineries, chemical plants, offshore platforms.

We have systems which are composed of apparatus (monitor, valve, nozzle) and electrical capabilities (control panel, joint box). Electric and hydraulic operations are available.

\* Fire Truck – 24VDC, Industrial – 220VAC



SL-26NES



SL-26HE

### Remote Controlled Monitor

| Model    | Size Inlet       | Size Outlet     | Flow          | Material & Remarks |
|----------|------------------|-----------------|---------------|--------------------|
| SL-26NES | FLG 2" / NPT 2"  | BSP 2" / NH 1½" | 100 - 300 GPM | AL. or Bronze      |
| SL-26HE  | FLG. 2½", 3", 4" | NH 2½"(M)       | 1000 GPM      |                    |

### For Fire Truck

\* 24VDC

\* Option : Oscillating system  
Wireless Remote Controller

\* Components



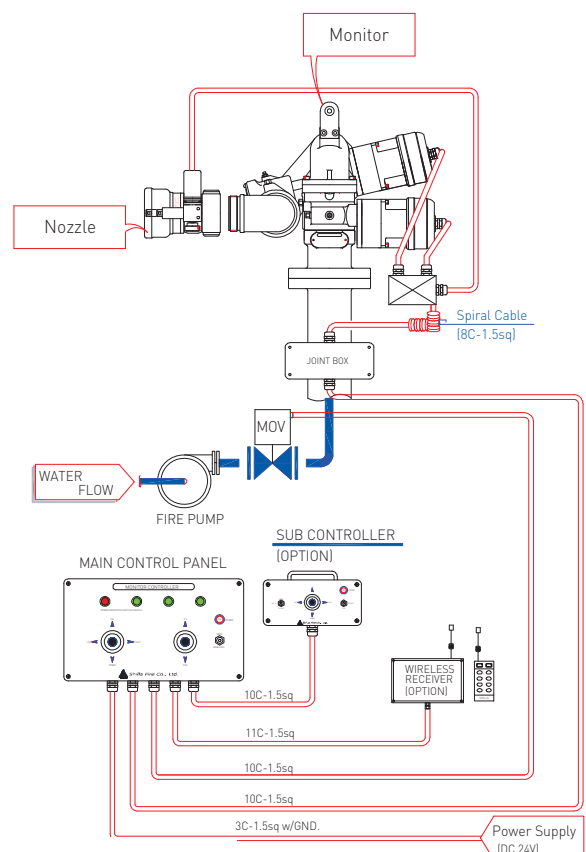
Control Panel (LED)



Control Panel (Standard)



Wireless Controller & Receiver (Option)



## Remote Controlled Monitor



### Remote Controlled Monitor

| Model   | Size Inlet      | Size Outlet | Max. Flow | Material      | Remarks           |
|---------|-----------------|-------------|-----------|---------------|-------------------|
| SL-26NE | FLG. 2", 3", 4" | NH 2½"(M)   | 1000 GPM  | AL. or Bronze | Option : Ex-Proof |
| SL-27NE | FLG. 4", 6"     | NH 3"(M)    | 2000 GPM  |               |                   |

\* Fire Truck – 24VDC, Industrial – 220VAC

### For Industrial

- \* 220VAC 1P 60HZ
- \* Option : Oscillating system
- Emergency Battery
- Wireless Remote Controller
- Ex-Proof

\* Components



Control Panel (Option)



Main Control Panel



Terminal Box



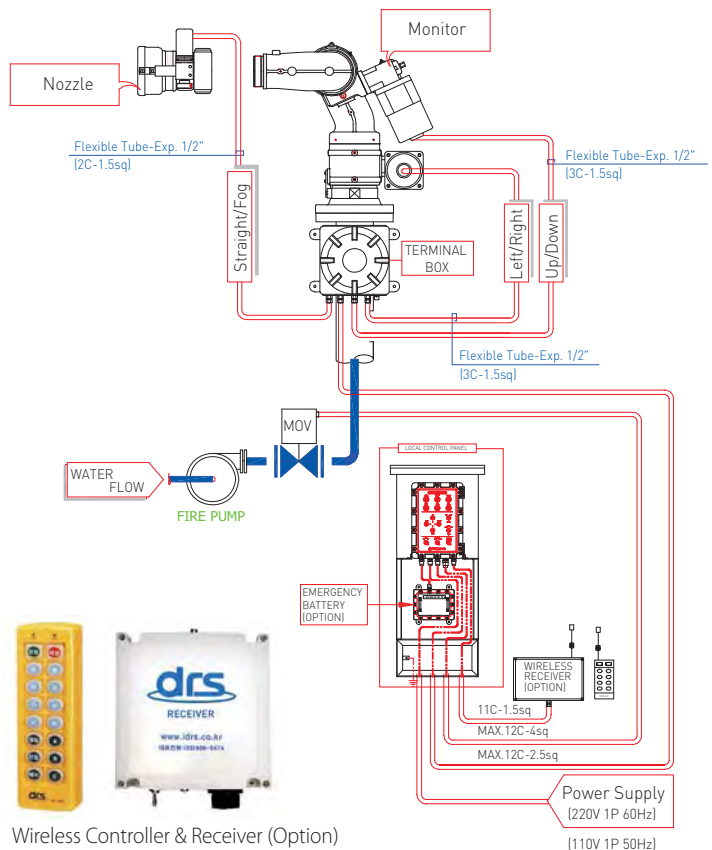
Emergency Battery Box (Option)



Wireless Controller & Receiver (Option)



Wireless Receiver (Option)





## Miscellaneous Fire Equipment

### Breather Valve

\* Air intake and exhaust for foam tank.

- Size : 3/4" ~ 4"
- V. Pressure : 3kPa, 40kPa
- Material : Brass



### Relief Valve

\* Pressure regulating device for pump in/out of fire truck

- Size : NPT 2 1/2"
- Adjustable Pressure : 0.5 ~ 1.7MPa
- Material : Bronze



### Piezometer Gauge

\* Water pressure checking device.

Connected to outlet side of hydrant, fire hose, monitor.

- Size : NH 1 1/2", 2 1/2"
- Material : AL



### Water Pressure Tester

\* Pressure gauge for Indoor and Outdoor Hydrant

- Size : NH 1 1/2", 2 1/2" x 150mm
- Range : 1.5MPa
- Material : Bronze



### Pitot Gauge

\* Measuring device for water pressure from nozzle.

- Size : 123 x 98
- Range : 1.0MPa
- Material : Bronze



### Hose / Hydrant Wrench

- Size : 350 mm (Option : 500 mm)
- Material : Cast Iron (Option : AL)



### Fire Axe

Fire axe is personal safety tool for every fire fighter to rid hidden objects during fire fighting operation.

- Length : 300mm, 340mm, 570mm
- Material : Heat Treated Steel



- Size : 460 mm
- Material : Brass & Stainless Steel
- Multi - Purpose wrench



- Size : 350 mm (Option : 500 mm)
- Material : AIBC / Ductile





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