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Water Jet Monitor



- IS 8442
- Standpost mounted
- Carbon steel water ways
- Hot dip galvanised
- Bronze swivel joint with S.S ball bearings
- Flanged inlet
- Horizontal 360° & vertical +80° & -45° rotation
- Max. working pressure 150 PSI Max. / 10.5 Kg/cm²
- Locking device for horizontal and vertical position
- Solid jet nozzle

Product Code No.	Description	Flow@100PSI (7kg/cm ²)		Material of Construction Monitor	Material of Construction Nozzle
		GPM	LPM		
M-WJM-01	2 ½" Waterways	500	1900	Carbon steel S.S.	Gunmetal S.S. Aluminium alloy
M-WJM-02	3" Waterways	625	2370		
M-WJM-03	3" Waterways	750	3840	Gunmetal	
M-WJM-04	4" Waterways	1000	3790		

Note: above monitors are also available with jet spray, Aqua foam nozzles & foam barrel. Please refer monitor nozzle section for nozzle details

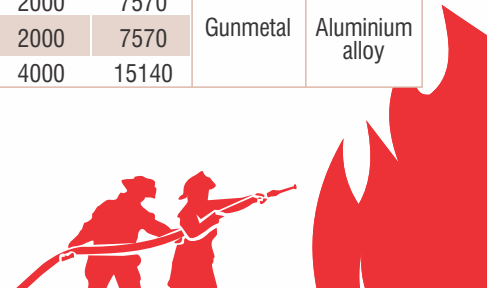
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Long Range Water Monitor



- Standpost mounted type
- Horizontal 360° & vertical +90° & -45° rotation
- Hand-wheel for rotation of swivel joint
- Bronze geared swivel joint with self locking
- Can be used with jet nozzle or jet spray nozzle

Product Code No.	Description	Flow@100PSI (7kg/cm ²)		Material of Construction Monitor	Material of Construction Nozzle
		GPM	LPM		
M-LRWM-01	4" Waterways with Jet Nozzle	1000	3750	Carbon steel	Gunmetal
M-LRWM-02	4" Waterways with Jet- Spray Nozzle	1000	3750		
M-LRWM-03	4" Waterways with Jet Nozzle	1250	4700	S.S.	S.S.
M-LRWM-04	4" Waterways with Jet- Spray Nozzle	1250	4700		
M-LRWM-05	4" Waterways with Jet Nozzle	1500	5600	Gunmetal	Aluminium alloy
M-LRWM-06	4" Waterways with Jet- Spray Nozzle	1500	5600		
M-LRWM-07	6" Waterways with Jet Nozzle	2000	7570		
M-LRWM-08	6" Waterways with Jet- Spray Nozzle	2000	7570		
M-LRWM-09	8" Waterways with Jet Nozzle	4000	15140		



Monitors

3

Long Range Water Foam Monitor



- Standpost mounted type
- Horizontal 360° & vertical +90° & -45° rotation
- Hand-wheel for rotation of swivel joint
- Available In S.S or Carbon steel
- Geared swivel joint with self locking
- 3% Or 6% Foam Induction
- Can be used with AFFF, ARFFF & Fluoro-protein foam compound
- Aqua-foam nozzle with S.S/ PVC pick up tube
- Flanged inlet 4", 6" or 8"

Product Code No.	Description	Flow@100PSI (7kg/cm ²)		Material of Construction Monitor	Material of Construction Nozzle
		GPM	LPM		
M-LRWM-01	3" Waterways with Jet- spray nozzle	500	1875	Carbon steel	Gunmetal
M-LRWM-02	3" Waterways with Jet- spray nozzle	625	2370		
M-LRWM-03	3" Waterways with Jet- spray nozzle	650	2460		
M-LRWM-04	4" Waterways with Jet- spray nozzle	1000	3750	S.S.	S.S.
M-LRWM-05	4" Waterways with Jet- spray nozzle	1250	4700	Gunmetal	Aluminium alloy
M-LRWM-06	6" Waterways with Jet- spray nozzle	2000	7570		
M-LRWM-07	8" Waterways with Jet- spray nozzle	4000	15140		

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Water Foam Monitor : Torpedo



I Monitor with Nozzle



- Wide range 500GPM, 750GPM, 1000GPM, 2000GPM, 4000 GPM
- Anti corrosive Stainless steel construction
- Excellent compatibility with AFFF foam
- Fog angle up to 120°
- 3% foam-proportioning nozzle
- Designed for working pressure up to 10 kg/cm²

Product Code No.	Nozzle	Flow@100PSI (7kg/cm ²)		Foam Induction
		GPM	LPM	
A-FM-500	AFN-500	500	1890	3%
A-FM-750	AFN-750	750	2840	3%
A-FM-1000	AFN-1000	1000	3785	3%
A-FM-2000	AFN-2000	2000	7570	3%
A-FM-4000	AFN-4000	4000	15100	3%
A-FM-8000	AFN-8000	5000	30200	3%

II Jet Ratio Controller Pump (JRCP)



- Compatible to use with UL listed water & foam monitor (TORPEDO)
- Corrosion resistant, excellent compatibility with AFFF foam
- With pressure gauges
- Covered in S.S casing for easy handling and storage
- With pick up tube and strainer

Product Code No.	Nozzle Flow at 100 PSI		JRCP Flow at 100 PSI		Foam Solutions
	GPM	LPM	LPM	GPM	Induction
JRCP-1000	1000	3785	125	33	3%
JRCP-2000	2000	7570	190	50	3%
JRCP-4000	4000	15100	450	120	3%
JRCP-8000	8000	30200	900	240	3%

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Portable Ground Monitor

I Commando



- Light weight hard anodized construction
- Dual application for use as a portable monitor or deck mounting
- Safety butterfly valve
- Auto drain facility
- Safety lock at 30° above horizontal
- Available with or without foam induction or with stackable tip jet nozzles
- Stainless steel foldable legs with spikes for sturdy grip

Product Code No.	Weight Without Nozzle Kgs(lbs)	Dimension (Inch)	Nozzle Flow upto 100 PSI (7kg/cm ²)	
			GPM	LPM
WM-PGM-Commando	19(41.8)	20 X 8.5 X 8.5	1250	4700



II Nano



- Quick deployment due to lesser weight
- Operated by single fire fighter
- Hydraulic stability neutralizes the reaction force to stabilize the monitor
- Four folding Aluminium alloy legs with Carbide tipped spikes
- Can be easily shifted while attached to charged line
- Easily stored in the vehicle
- Consistent superior quality stream
- Safety strap and pouch provided

Product Code No.	Weight Without Nozzle Kgs(lbs)	Dimension (Inch)	Nozzle Flow upto 100 PSI (7kg/cm ²)	
			GPM	LPM
WM-PGM-Nano	12 (26.5)		450	1700
			500	1900

Monitors

6 Remote Control Monitor : Terminator



- Available in SS, Carbon steel and Gunmetal
- Available in electric or hydroelectric remote operation
- Low maintenance cost
- Dense fog angle up to 160° for cooling
- Electric version available in AC / DC power supply
- Available in different flow range

Product Code No.	Description	Operating Voltage	Nozzle Type	Nozzle Flow at 100 PSI (7kg/cm ²)		Material of construction
				GPM	LPM	
WM-RCM-E01	Electric operated model	12VDC	Jet type	475	1800	Gunmetal
				500	1900	
WM-RCM-WL-01	Available with wireless controller	24VDC	Jet spray type	750	2850	Carbon steel
				1000	3750	
WM-RCM-HE01	Hydroelectric operated	1ph,230VAC 3ph,415VAC		1250	4700	
			2000	7570		

7 Oscillating Monitor

Stand-post Mounted



- Stand-post mounted type
- Carbon steel waterways
- Oscillating range 0 to 270° adjustable
- Un-manned operation
- Smooth sweeping action produces wave like effect
- Coated with anti corrosive coating
- Jet-spray nozzle produces thick fog
- Oscillating mechanism in Gunmetal / S.S

Product Code No.	Description	Nozzle Flow at 100 PSI (7kg/cm ²)	
		GPM	LPM
M-OM-SP-01	With 3 " waterways with jet- spray nozzle	750	2800
M-OM-SP-02	With 4" waterways with jet- spray nozzle	1000	3750

8 Trolley Mounted Monitor



- 2 ½" male instantaneous inlets with NRV
- Carbon steel waterways
- Support legs for better stability during operation
- Solid rubber two / four wheels
- Gunmetal jet nozzles or jet-spray nozzle

Product Code No.	Description	Nozzle Flow at 100 PSI (7kg/cm ²)		Nozzle Option
		GPM	LPM	
M-TMM-01	With 2 ½" waterways	500	1900	Jet nozzle
M-TMM-02	With 3" waterways	625	2365	
M-TMM-03	With 3" waterways	750	2800	Jet-spray nozzle
M-TMM-04	With 4" waterways	1000	3750	

9 Trailer Mounted Monitor with Foam Tank



- Available in different tank capacity
- Inlet size 2 ½" male instantaneous with NRV
- Available in different capacities of monitors 500, 625, 750,1000 GPM
- Trailer with robust construction suitable to tow with jeep
- Hand brake & overrun brakes
- S.S tank or carbon steel FRP / Thermoplastic poxy lined tank

Product Code No.	Description	Monitor Flow at 100 PSI (7kg/cm ²)	
		GPM	LPM
M-TMFT-01	Trailer with 500 litre foam tank	500	1900
M-TMFT-02	Trailer with 750 litre foam tank	625	2365
M-TMFT-03	Trailer with 1000 litre foam tank	750	2800
		1000	3750



Monitors

10 Monitor Nozzles

I Water Nozzles

a) Jet Nozzle



- Available in different flow capacities
- Flanged or threaded inlet
- Available in Gunmetal or Aluminium alloy or Stainless steel
- Max. working pressure 150 PSI /10.5 kg/cm²

Product Code No.	Inlet Connection	Flow at 100 PSI (7kg/cm ²)		Material of Construction
		GPM	LPM	
M-MN-JN-01	With 2 1/2" BSP(F) threads inlet	475	1800	Gunmetal Aluminium S.S.
M-MN-JN-02	With 2 1/2" NH(F) threads inlet	475	1800	
M-MN-JN-03	With 2 1/2" BSP(F) threads inlet	500	1900	
M-MN-JN-04	With 2 1/2" NH(F) threads inlet	500	1900	
M-MN-JN-05	With 2 1/2" BSP(F) threads inlet	625	2365	
M-MN-JN-06	With 2 1/2" NH(F) threads inlet	625	2365	
M-MN-JN-07	With 2 1/2" BSP(F) threads inlet	750	2850	
M-MN-JN-08	With 2 1/2" NH(F) threads inlet	750	2850	
M-MN-JN-09	With 3 1/2" BSP(F) threads inlet	1000	3750	
M-MN-JN-10	With 3 1/2" NH(F) threads inlet	1000	3750	
M-MN-JN-11	With 3 1/2" BSP(F) threads inlet	1250	4700	
M-MN-JN-12	With 3 1/2" NH(F) threads inlet	1250	4700	
M-MN-JN-13	With flanged inlet	1250	4700	
M-MN-JN-14	With flanged inlet	2000	7570	
M-MN-JN-15	With flanged inlet	4000	15140	

b) Water Jet-Spray Nozzle



- Available in different flow capacities
- Flanged or threaded inlet
- Spray angle up to 160°
- Available in Gunmetal or Aluminium alloy
- Max. working pressure 150 PSI /10.5 kg/cm²

Product Code No.	Inlet Connection	Flow at 100 PSI (7kg/cm ²)		Material of Construction
		GPM	LPM	
M-MN-JSN-01	With 2 1/2" BSP(F) threads inlet	475	1800	Gunmetal Aluminium S.S.
M-MN-JSN-02	With 2 1/2" NH(F) threads inlet	475	1800	
M-MN-JSN-03	With 2 1/2" BSP(F) threads inlet	500	1900	
M-MN-JSN-04	With 2 1/2" NH(F) threads inlet	500	1900	
M-MN-JSN-05	With 2 1/2" BSP(F) threads inlet	625	2365	
M-MN-JSN-06	With 2 1/2" NH(F) threads inlet	625	2365	
M-MN-JSN-07	With 2 1/2" BSP(F) threads inlet	750	2850	
M-MN-JSN-08	With 2 1/2" NH(F) threads inlet	750	2850	
M-MN-JSN-09	With 3 1/2" BSP(F) threads inlet	1000	3750	
M-MN-JSN-10	With 3 1/2" NH(F) threads inlet	1000	3750	
M-MN-JSN-11	With 3 1/2" BSP(F) threads inlet	1250	4700	
M-MN-JSN-12	With 3 1/2" NH(F) threads inlet	1250	4700	
M-MN-JSN-13	With flanged inlet	2000	7570	
M-MN-JSN-14	With flanged inlet	4000	15140	

II Foam Nozzles

a) Aqua Foam Nozzle



- Available in different flow capacities
- Self Inducting, non aspirating type
- Spray angle upto 160°
- Induction 3 or 6% preset
- Foam expansion 4 to 6 times
- Max. working pressure 150 PSI/10.5 kg/cm²

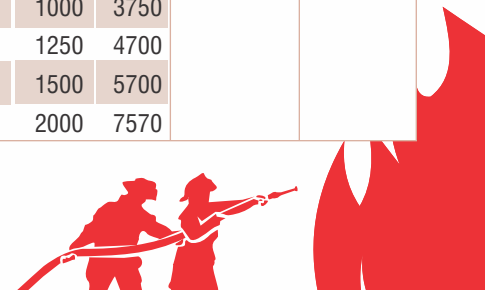
Product Code No.	Inlet Connection	Flow at 100 PSI (7kg/cm ²)		Material of Construction
		GPM	LPM	
M-MN-AFN-01	With 2 1/2" BSP(F) threads inlet	475	1800	Gunmetal
M-MN-AFN-02	With 2 1/2" NH(F) threads inlet	475	1800	
M-MN-JSN-03	With 2 1/2" BSP(F) threads inlet	500	1900	
M-MN-AFN-04	With 2 1/2" NH(F) threads inlet	500	1900	
M-MN-AFN-05	With 2 1/2" BSP(F) threads inlet	625	2365	
M-MN-AFN-06	With 2 1/2" NH(F) threads inlet	625	2365	
M-MN-AFN-07	With 2 1/2" BSP(F) threads inlet	750	2850	Aluminium
M-MN-AFN-08	With 2 1/2" NH(F) threads inlet	750	2850	
M-MN-AFN-09	With 3 1/2" BSP(F) threads inlet	1000	3750	S.S.
M-MN-AFN-10	With 3 1/2" NH(F) threads inlet	1000	3750	
M-MN-AFN-11	With 3 1/2" BSP(F) threads inlet	1250	4700	
M-MN-AFN-12	With 3 1/2" NH(F) threads inlet	1250	4700	
M-MN-AFN-13	With flanged inlet	2000	7570	
M-MN-AFN-14	With flanged inlet	4000	15140	

b) Aspirating Nozzle



- Available with foam inductor or without foam inductor
- Threaded flanged inlet
- Available in Copper alloy or Aluminium alloy or Stainless steel
- Induction 3 or 6 %
- Foam expansion 6 to 10 times
- Max. operating pressure 150 PSI /10.5 kg/cm²

Product Code No.	Inlet Connection	Flow at 100 PSI (7kg/cm ²)		Material of Construction	Options
		GPM	LPM		
M-MN-AN-01	With 2 1/2" BSP(F) threads inlet	350	1325	Gunmetal	Jet Jet-Spray
M-MN-AN-02	With 2 1/2" NH(F) threads inlet	350	1325		
M-MN-AN-03	With 2 1/2" BSP(F) threads inlet	475	1800		
M-MN-AN-04	With 2 1/2" NH(F) threads inlet	475	1800		
M-MN-AN-05	With 2 1/2" BSP(F) threads inlet	500	1900	Aluminium	
M-MN-AN-06	With 2 1/2" NH(F) threads inlet	500	1900		
M-MN-AN-07	With 2 1/2" BSP(F) threads inlet	1000	3750	S.S.	
M-MN-AN-08	With 2 1/2" NH(F) threads inlet	1000	3750		
M-MN-AN-09	With flanged inlet	1250	4700		
M-MN-AN-10	With flanged inlet	1500	5700		
M-MN-AN-11	With flanged inlet	2000	7570		



Foam Equipments

1

Low Expansion Foam Branch Pipe

I Model A



- IS 2097
- Inlet Connection : 2 1/2" instantaneous as per BS 336 / IS 903
- Material : Aluminum alloy or Stainless steel
- Working Pressure : 145 PSI max / 10 kg/cm²
- Foam Expansion : 8 to 10 times
- Foam Induction : Available with foam inductor or without foam Inductor

Product Code No.	Inlet Connection	Flow at 100 PSI (7kg/cm ²)		Throw Range in Meters	Material of construction
		GPM	LPM		
FE-FB-2	Without in-built foam inductor	60	225	15	Aluminium alloy
FE-FB-2X	With in-built foam inductor	60	225	15	
FE-FB-10	Without in-built foam inductor	120	450	18	
FE-FB-10X	With in-built foam inductor	120	450	18	S.S
FE-FB-20	Without in-built foam inductor	240	900	20	
FE-FB-20X	With in-built foam inductor	240	900	20	

II Model B



- IS 2097
- Inlet Connection : 2 1/2" instantaneous as per BS 336 / IS 903
- Material : Aluminum alloy
- Working Pressure : 145 PSI max / 10 kg/cm²
- Foam Expansion : 8 to 10 times
- Foam Induction : Available with in-built foam inductor

Product Code No.	Description	Flow at 100 PSI (7kg/cm ²)		Throw Range in Meters
		GPM	LPM	
FE-FB-5X 01	Aluminium alloy construction	60	225	15
FE-FB-5X 02	Brass construction	60	225	15

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Medium Expansion Foam Branch Pipe



- Inlet Connection : 2 1/2" instantaneous as per BS 336 / IS 903
- Material : Stainless steel
- Working Pressure: 10 bar max.
- Foam Expansion : 50 times

Product Code No.	Description	Flow at 100 PSI (7kg/cm ²)		Throw Range in Meters
		GPM	LPM	
FE-MEP-MX5	Without in-built foam inductor	60	225	6 to 8
FE-MEP-MX10	Without in-built foam inductor	120	450	9 to 11

3 Foam Generator

I Mini Turbex



It is a high expansion foam generator. The unit consists of stainless steel casing; a pelton wheel turbine drives the fan and four jet nozzles discharge water foam solution in front of high velocity air. Foam making net is used for making foam. An inline inductor is used for inducing foam.

- Compact, light weight
- Portable, can be carried by single person
- Corrosion proof construction
- Can be used as a smoke extractor
- Foam Induction 3% preset
- Suitable for all types of foam concentrate
- Supplied with suitable foam inductor
- Nylon net, foam ducting and smoke ducting - standard accessories

Product Code No.	Inlet Connection (NB)	Flow at 100 PSI (7kg/cm ²)		Foam Produced	Smoke Extracted
		GPM	LPM		
FE-FG-MINI	2 ½" male Instantaneous as per BS 336	65	250	2825 Ft ³ / min	3460 Ft ³ /min

II HI-EX



It is a high expansion foam generator. It consists of a fan driven directly by the shaft of the water turbine, which blows air to the nylon net. The net is wetted by foam water solution from the spray nozzle. The foam concentrate is drawn into the water stream by means of a built-in induction system.

- By-pass valve to control foam production
- Can be used as a smoke extractor
- Lightweight
- Portable
- FRP corrosion proof body
- Low maintenance
- 2 ½" male instantaneous connection
- Inbuilt foam inductor
- Nylon net, foam ducting and smoke ducting standard accessories

Product Code No.	Operating Condition	Inlet Pressure bar/PSI	Total water Flow GPM/LPM	By-Pass Flow GPM/LPM	Expanded Foam (M ³ /min)	Expansion
FE-FG-MKII	By-pass valve closed	7/100	61 / 230	38 / 145	145	800 to 1100
	By-pass valve open	7/100	58 / 220	Nil	132	500 to 750

