

Bipod Foam Monitors

Portable, lightweight, self inducing, low expansion units

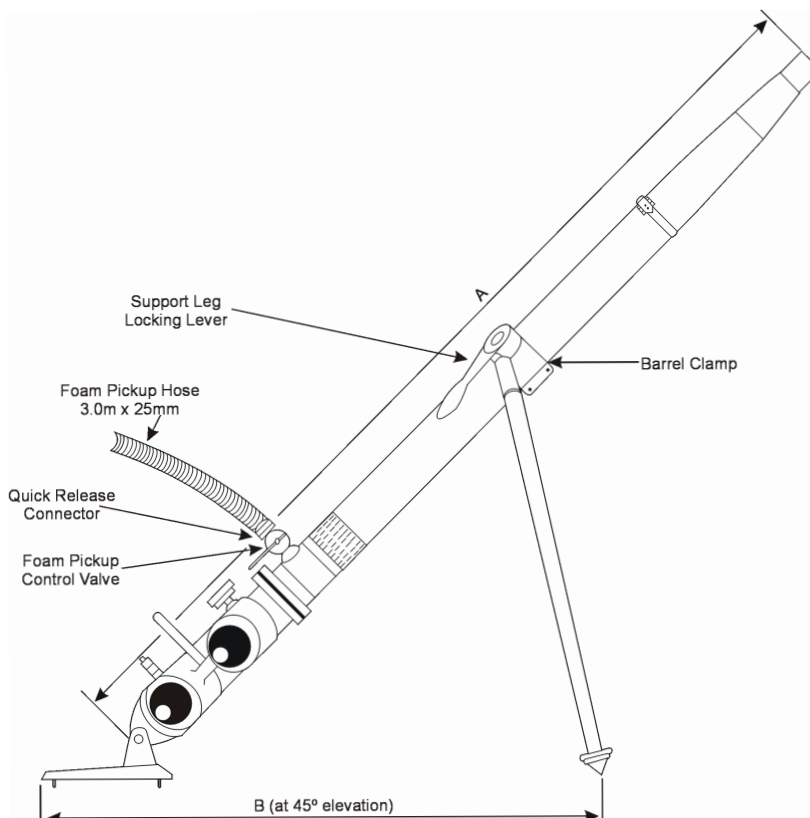
- Suitable for use with all Angus foam concentrates
- Easily transportable
- Available in two capacities
- Adjustable support legs

Angus Bipod Foam Monitors are portable, lightweight, self inducing, low expansion units. Easily transportable, they are available in two capacities, FC18B and FC27B, with nominal throughputs of 1800 and 2700 litres/mm at 7 bar inlet pressure respectively.

A sturdy stainless steel barrel is connected to a four inlet light alloy collecting head, each inlet having a low pressure drop integral non-return valve to ensure continuous operation even in the event of a hose failure.

A two inlet collecting head can be supplied but non-return valves are not fitted to this option. Independent adjustable support legs allow the monitor angle to be readily adjusted to ensure maximum stability in all terrains. The self inducing variable inductor allows the unit, once set up, to operate unattended provided that an adequate supply of foam concentrate is connected. This permits considerable manpower flexibility. A pressure gauge is provided to ensure maximum operating pressures are not exceeded.

The Angus Bipod Foam Monitor can be used with all Angus foam concentrates and is complete with 3m pick-up tube and pressure gauge. Remote 3% induction from up to 100m away is achievable using a separate jet pump inductor. To assist in stowage the legs are strapped to the barrel, whilst the manifold incorporates a handle and the ground plate swivels.



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Measurements				
Dimensions - mm FC18B & FC27B	4x2½" Inst. Inlets	G4 BS2779 2x4" BSP Male Inlets		
A Length	2115	1960		
B Ground Plate to Leg at 45° Elevation	1288	1400		
C Spread of Legs - 45° Elevation	1100	1320		
D Max Spread - 35° Elevation	1376	1518		
E Total Stowed Length	2360	2205		
Weights (Kg)	FC18B	FC27B	FC18B	FC27B
	40	42	38	40

Performance Data (Typical)						
Model	'K' Factor*	Inlet Pressure (bar.g)	Nominal Flow (litre/mm)	Horizontal Foam Range (m)	Max. Vertical Foam Height (m)	Range @ Max Height (m)
				Elevation angle 37°	Elevation angle 55°	Elevation angle 55°
FC18B	680	5	1550	31 - 37	13	21
		7	1800	37 - 48	16	23
		10	2180	43 - 55	17	26
FC27B	1090	5	2340	34 - 40	14	23
		7	2700	39 - 52	16	25
		10	3300	43 - 58	18	27

Data obtained in light air conditions (2 m/sec following).

* Flow (litres/mm) = $K\sqrt{P}$ where P = inlet pressure in bar.g.

Specification	
Maximum Inlet Pressure	12 bar.g.
Minimum Inlet Pressure	5 bar.g.
Foam Induction	Variable 1 - 7%
Foam Expansion Ratio	Typically 6:1
Monitor Body	Aluminium Alloy
Foam Barrel	316 Stainless Steel
Support Legs	Aluminium Alloy
Stowcase Straps	Leather
Finish	Barrel - Natural
	Aluminium parts - Yellow Thermoplastic Powder Coated

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