

Hand Monitor HM-80

Streamline Range

- Exceptional operational reliability
- Long life and maintenance free



The exciting Streamline™ HM-80 is a nominal 80mm waterway Monitor, designed to provide optimised hydraulic efficiency and long throw performance when the Streamline Long Throw (LTN) nozzles or (LTC) cannons are fitted.

The HM-80 is engineered for exceptional operational reliability, long life and is maintenance free. It is produced using only high grade corrosion resistant materials including gunmetal, bronze and 316 stainless steel. Experience has shown that a 20+ year life-span is achievable, even in harsh environments.

This Streamline monitor offers unique adaptability advantages, as it can be upgraded to suit your future changing needs. The HM-80 can be adapted to a geared, oscillating, or remote control monitor specification over time. The whole Streamline range uses a common waterway platform design so key components can still be utilised to minimise cost as site requirements change. Upgrade kits are available, and most are fieldfittable to the existing Streamline waterway by a competent site engineer.

When fitted with the Angus long throw range (LTN) of constant flow jet/spray nozzles the HM-80 is highly effective with water or film forming foams like Tridol AFFF and Petroseal FFFP for fast flame attack on hydrocarbon liquids. Long throw foam cannons (LTC) can also be fitted which guarantee optimised foam quality and throw characteristics when used with the Angus range of foam concentrates. Maximum performance and throws of up to 75 metres can be achieved depending on nozzle/cannon configuration (see separate nozzle/cannon data sheets).

The main body of the HM-80 can be orientated in either an upright configuration, or compact low profile mode (see Instruction manual for easy change), making this monitor particularly suitable for installation on towers, offshore platforms and other areas where space is limited.

Sealed low friction joints provide easy elevation and horizontal movement even under high operating pressures. The quick and easy Clamp-Lok™ mechanism ensures the monitor is safely locked in position and can be left to operate unattended.





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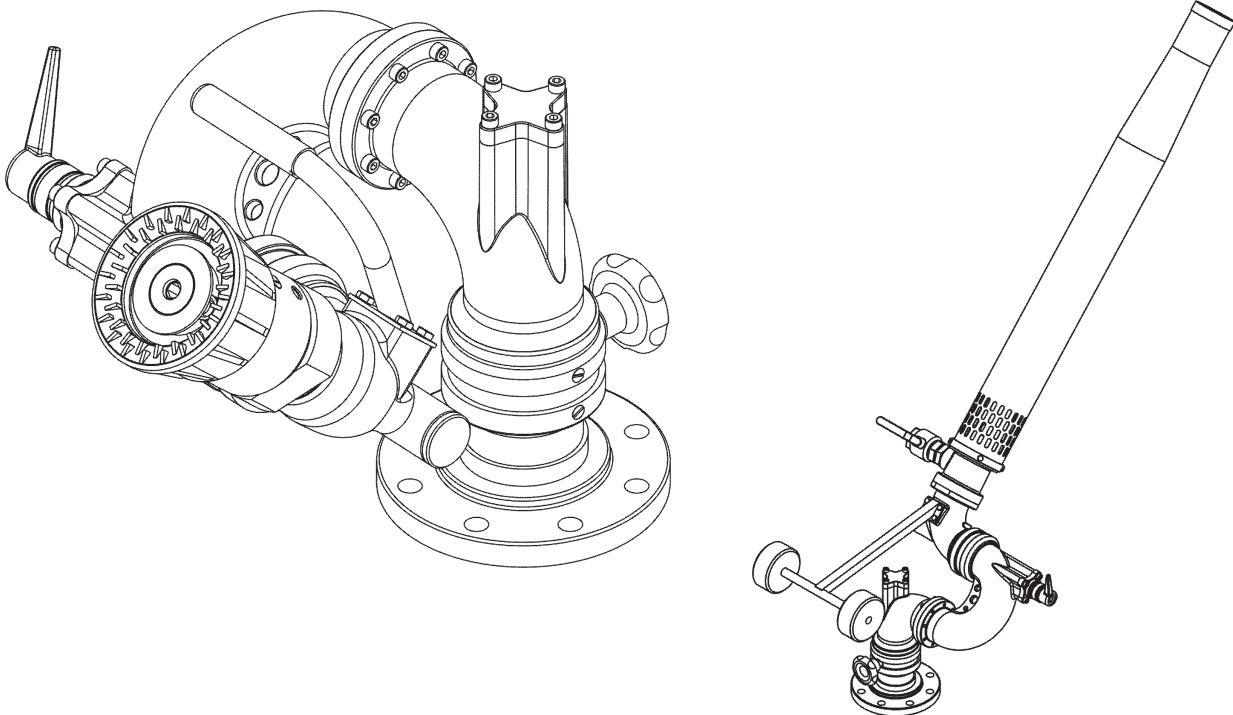
Streamline Range

Specification

Operating pressure	Max: 16 bar g, Min: 5 bar g
Test pressure	24 bar g
Maximum flow	4,500 litres/min
Inlet flange connection	4" ANSI Class 150 RF (alternatives to special order)
Outlet connections	2", 2½" BSP Male or flanged for LTC Cannons (alternatives to special order)
Rotation	360° continuous
Elevation (nominal)	+75°-75° from horizontal
Approx. weight (without nozzle/cannon)	32 kg

Materials

Monitor body	Aluminium Bronze AB2 and Gunmetal LG2 to BS EN 1982
Clamp-Lok mechanism	Aluminium Bronze AB2
Friction Lock	Glass fibre reinforced technopolymer & stainless steel
Finish	Natural (Red to special order)
Seals	Nitrile synthetic rubber
Handle	Stainless steel 316
Counterbalance (cannons only)	Zinc plated steel
Fasteners	Stainless steel A2



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Angus Fire operates a continuous programme of product development. The right is therefore reserved to modify any specification without prior notice and Angus Fire should be contacted to ensure that the current issues of all technical data sheets are used.