

Streamline

Fire Fighting Monitors

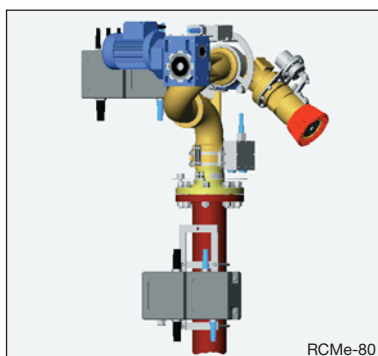
High Performance

Streamline Monitors

The Angus Streamline™ range of fire fighting monitors sets new standards of performance and flexibility for any high risk environment. The new modular design allows full interchangeability and easy upgrades in specification removing the need to buy totally new monitor systems each time your fire risk changes.

- Flows of 4,500L/min on 80mm and 7,500L/min on 100mm waterways
- Water and foam throws of up to 75metres
- Design pressure 16 bar g.
- Robust offshore specification
- Minimal maintenance

World's 1st Modular Monitors

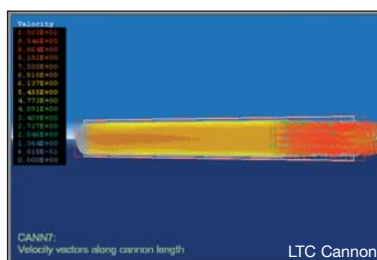


To achieve this modular concept Angus has used the latest solid modelling software to design a common casting platform which allows different modules to be attached to the same waterway components.

So the simple hand monitor can be quickly and easily converted into a more sophisticated oscillating or remote control monitor.

- Increased customer flexibility
- Re-cycling of high value components
- Upgrade kits available
- Improved delivery performance

Long Throw Performance



Special analysis using Computational Fluid Dynamics(CFD) software has led to much greater hydraulic efficiency.

Turbulence and pressure loss in the waterway have been reduced, which gives much longer throws of water and foam when combined with the Streamline LTN Nozzles and LTC Cannons.

- Minimised turbulence in waterway
- Minimised pressure loss through monitor
- Maximised throw
- Streamlined design



DGM-80

Fixed Monitors



HAND MONITORS

HM-80 Hand Monitor

- Single hydraulically efficient 3" (80mm) waterway
- Low profile and compact design
- Self-draining waterway
- Easy Clamp-Lok™ mechanism for positive positioning
- Suitable for widest range of applications

HM-100 Hand Monitor

- Single 316 stainless steel 4" (100mm) waterway
- Rugged design with friction locks
- Self-draining waterway
- Suitable for all water cooling applications

GEARED MONITORS

DGM-80 Dual Geared

- Precise, effortless gear wheel operation
- Gears enclosed so no risk of debris jamming mechanism
- Self-inducing cannon/nozzle options
- Ideally suited to mounting on Angus trailer range

SGM-80 Single Geared

- Effortless gear wheel control for precise elevation setting
- Easy Clamp-Lok™ mechanism for rotational positioning
- Gears enclosed so no risk of debris jamming mechanism
- Self-inducing cannon/nozzle options

OSCILLATING MONITOR

OM-80 Oscillating Monitor

- Automatic water-powered oscillation
- Quick-release manual override
- Variable automatic sweep angle
- Test facility without using water
- Ideal for helideck/hangar protection

Remote Control Monitors



FULL SYSTEM DESIGN & TECHNICAL SUPPORT AVAILABLE FOR EACH MODEL :-

Hydraulic RCMh-80

- Free from any electrical power requirement
- Intrinsically safe for Zone 1(Division 1) areas
- Remote hydraulic operation from up to 300 metres away
- Water powered control panels for single or twin monitors

Electro-Hydraulic RCMeh-80

- Key cost components supplied separately so installer can mix and match
- Combines hydraulic power pack with remote electric control - no distance restrictions
- Components available for Zone 1 Hazardous or safe areas

Electric RCMe-80

- Large number of control options for maximum flexibility
- Flameproof EExd IP55 specification for Zone 1 areas
- Any number of additional control panels located in hazardous area
- Power supply options available



Industry leading Data Sheets for easy specification on www.angusfire.co.uk

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Streamline Monitors

Nozzles & Cannons



Long Throw Nozzles (LTN)

- High calibre nozzles in gunmetal or light alloy
 - Constant flow ensures required application rate maintained
 - 4 flow options* - 900, 1800, 2700, 3300 Litre/min at 7 bar g. inlet pressure
 - Maximum throws of 75m (see LTN nozzles data sheet)
 - Self-inducing 3% gunmetal version with 1900 Litre/min flow at 7 bar g. inlet pressure
 - Fully adjustable from jet through to wide angle spray
 - Rapid knockdown performance with film forming foams eg. Niagara AR-FFFP, Petroseal FFFP or Tridol AFFF/AR-AFFF
- *only LTN900 or 1800 to be used with Ground Monitor



Long Throw Cannons (LTC)

- Excellent and optimised foam performance characteristics
 - 5 flow options* - 1800, 2700, 3600, 6000, 7500 Litre/min at 7 bar g. inlet pressure
 - Maximum throws of 75m (see LTC cannons data sheet)
 - Self-inducing cannon options available
 - Corrosion resistant 316 stainless steel
 - Optional foam spreading deflector
- *only LTC1800 or 2700 without deflectors to be used with OM-80, 6,000L/min cannon for HM-100 only

Portable Monitors



Portable Ground Monitor

- Lightweight for quick and easy deployment
- Excellent stability in use
- Folds for easy storage
- Non-return valves for increased safety

Titan

- Quick and easy to set-up for two people
- Unrivalled performance - 95% foam stream on target
- 4,500 Litre/min at 10 bar g. inlet pressure
- Ideal as emergency back-up system for small tanks

