

Langham Industrial Controls Ltd.

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LHM200 STANDPIPE FLOWMETER

with **ABB** AquaMaster 3

Specification

Meter	Electromagnetic ABB Aquamaster 3
Inlet Connection	London Round Hydrant fitting
Outlet Connection	Female 2.5" Instantaneous
Auxiliary Outlet	3/8" BSP parallel female thread
Max Working Pressure *	12 Bar
Measurements **	Overall Height 1630mm Standard Reach below ground 800mm Standard Maximum width 450mm
Weight **	15Kg
Pipe Work Material	Aluminium



Meter Specification

Meter	Electromagnetic ABB Aquamaster
Flow range	0.1 l/sec to > 35 l/sec (high performance)
Accuracy (typical)	±0.4 % of range
Calibration Certificate	Issued with Standpipe
Battery Power	8 x 1.5v Alkaline 'D' cells
Battery Life ***	At 0° to 50°C (32° to 122°F) typically 1-2 years (user replaceable)
Pressure	External Plug-in sensor 0-16 Bar
Data Logger ****	ABB Logmaster Logging Interval 15sec to 900sec (adjustable)
Pulse Output	Forward and/or Reverse flow output (optional)
Display	LCD
Computer Connections	RS232 (via optional USB cable)
Transmitter Housing	IP68 (NEMA 6P) Stainless steel housing in thermoplastic outer cover with window, encapsulated with resin.
Temperature Ranges ***	Process -10° to 70 °C (14° to 158°F) Ambient -20° to 60 °C (-4° to 140°F) Storage -30° to 70 °C (-22° to 158 °F)

Not to scale

* Tested to 15 Bar

** All weights and measurements are approximate

*** Operation outside ambient temperature limits of 0 to 45 °C (32 to 113 °F) reduces battery capacity and shortens battery life

**** Typical capacity – 3 months @ 15 min intervals on Cyclic ~ 7 Days @ 1 min intervals on Cyclic