

Equipment adapted to the professional application of AlgoClear Pro and MetaClear



6.5m Rigid High Flow Pole

A stiff pole is adapted to the working conditions met when cleaning buildings. When spraying, brushing or applying with a roller it gives additional precision and is less tiresome to the operator. The 6.5m Rigid Pole benefits from a Gardiner body, 65% carbon. The thinnest tube is 25mm OD; one size larger than conventional. In this configuration changing the head is straight forward: Release the clamp, remove the head and disconnect the tubing.



The pole is supplied with a spray head and 6 nozzle tips corresponding to different types of work. The smaller sizes are adapted to vertical work where a comparatively low rate is required (non porous coatings). A pencil jet size 21 extends the reach by approximately the length of the pole in calm conditions.



The pole is fitted with a high flow trigger (poppet valve) or a ball valve. The ball valve is more adapted to spraying roofs and regulating the flow. The poppet is more ergonomic for brushing and for the application of Metaclear. The valves are affixed with two sturdy saddles. The tubing is PU braided, 8mm id x 12mm od.

Streamflo 16: Battery operated sprayer: capacity: 2.8 l/mn at 3 to 9 bar. The tank filled with 15 litres of gel will cover 45m² of wall when used with the sprayhead & red tip @ 3 m²/l. Supplied with a 1.5 m lead fitted for connecting to a telescopic pole. Will handle Metaclear & Algoclear solutions.



Equipment required for efficient application of Metaclear :

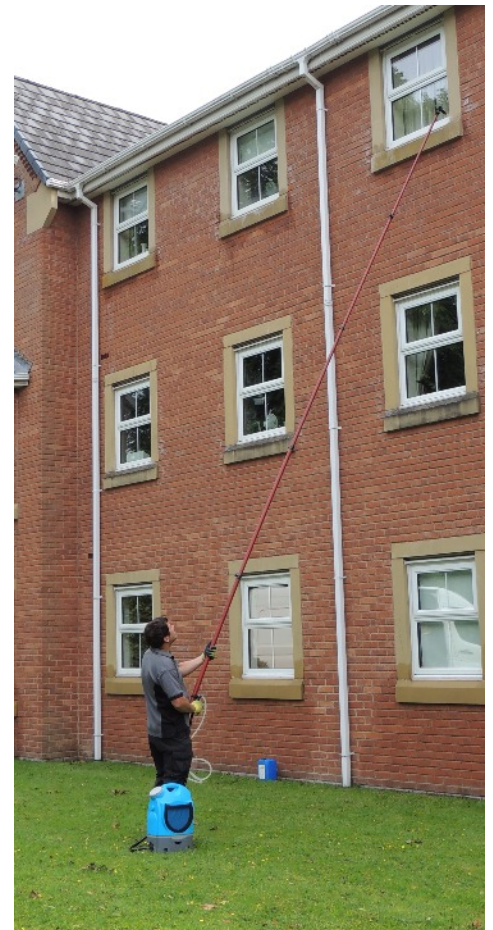
Pumping : The Streamflo 16 adapted to the use of Metaclear is the most ergonomic setup. It's 9 bar pressure allows usage of longer poles if fitted high flow.

Pole : Either the 6.5 m pole or the 1.8 m Metapole depending on the type of work.

Tools : The spray head with red tip to apply Metaclear, and the agitation brush. Rinsing is done by changing the tip to a larger bore in the set supplied, or changing the head to the high flow spoon fan jet.



High flow, high impact fan jet for rinsing.



The Metapole:

0.7m long folded, 1.8m extended. Ideal for working from an aerial platform.

The Metapole is fitted with a high flow trigger valve and will accommodate the same tools as the long pole.



Spray Brush:

Fitted with two fan jets, the brush will handle the application of **MetaClear** and **AlgoClear** without

Hand Sprayer:

Simple, resilient solution for spraying with a Metapole. 4 Bar maximum pressure.

12 litre capacity.

Injection Box:

Injects a set amount of **AlgoClear Pro** into a flow of water. From 0.8% to 5.5% injection rate. Up to 5.5 bars, 12 litres per minute capacity. Fits a 10 litre can. Works on mains pressure, or connected to a pump.

Equipment required for efficient application of Algoclear Pro

Mixing : The injection box simplifies work, and speeds setting up.

Pumping : As the injection box connects to the mains, pumping is not always required. A low pressure water supply or drawing from a tank will require a simple centrifugal booster with a pressure of 4.5 bars or more. The flow rate

for spraying concrete tiles is between 5.5 and 7 litres per minute at an initial pressure of 4.5 to 5.5 bars. Lower flow rates on render : 4 to 5 l/mn, and slightly less on non absorbent surfaces.

The SPE 1200 booster handles liquids only, the battery powered pump handles Metaclear (always used neat in a gel form) and liquids, and the Streamflo will handle spraying of Algoclear Pro once diluted as well as Metaclear.

Poles : The 6.5 m pole and the Metapole are supplied with a flow through angle adaptor and a set of 6 tips with flow rates for a range of applications. - As tabulated -

Tools : The spray head and spray brush are commonly used. If rinsing coloured sud is required after brushing, the fan jets in the brush are profuse enough to do it.



Flow rates at 3 bars pressure in litres per minute

Red	White	Ref 1233	Ref 1490	Ref 1780	Ref 2124
80°fan	80°fan	60°fan	45°fan	45°fan	0°pen-j
0.8	2.7	2.33	4.9	7.8	12.4

Clean Jet 1300 : 5 bar centrifugal pump:

A booster pump supplied with standard hose brass qrc connections and a foot valve.

Delivers 7 to 9 litres/minute from a tank, connected to a standard delivery setup. Connected to a tap, the capacity will increase.

Centrifugal pumps are tolerant to flow interruptions – trigger closed – in normal work patterns. The water will heat if left running trigger closed for too long, possibly leading to permanent leakage.



Battery Powered Pump:

Suitable for the application of **MetaClear** and **AlgoClear Pro**.

The battery has a capacity of 16ah, enough for 2.5 hours running at full capacity. Charging time: 3.5 hours.

Fitted with a flow controller for low volume applications as with **MetaClear**.

Capacity drawing from a tank, into an injection box, 20 m of hose and the 6.5 m pole fitted with the spray head.

Tip size 13 fan 40°	Flow : 4.3 litres/minute	2.5 bars at the tip
Tip size 20 fan 40°	Flow : 5.4 litres/minute	2.1 bars at the tip
Tip size 25 pencil jet	Flow : 5.5 litres/minute	2.0 bars at the tip