

# T014

Introducing the T014

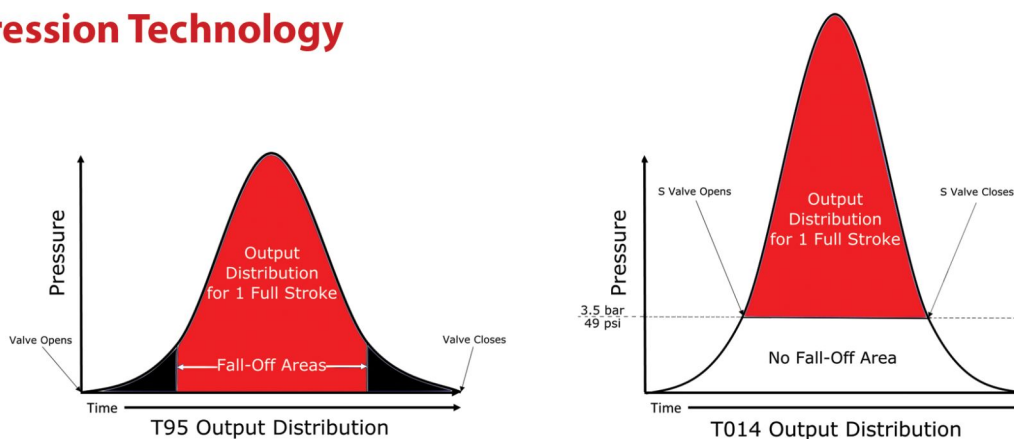
Next Generation Pre-Compression Sprayer



## Benefits of Canyon Europe's T014

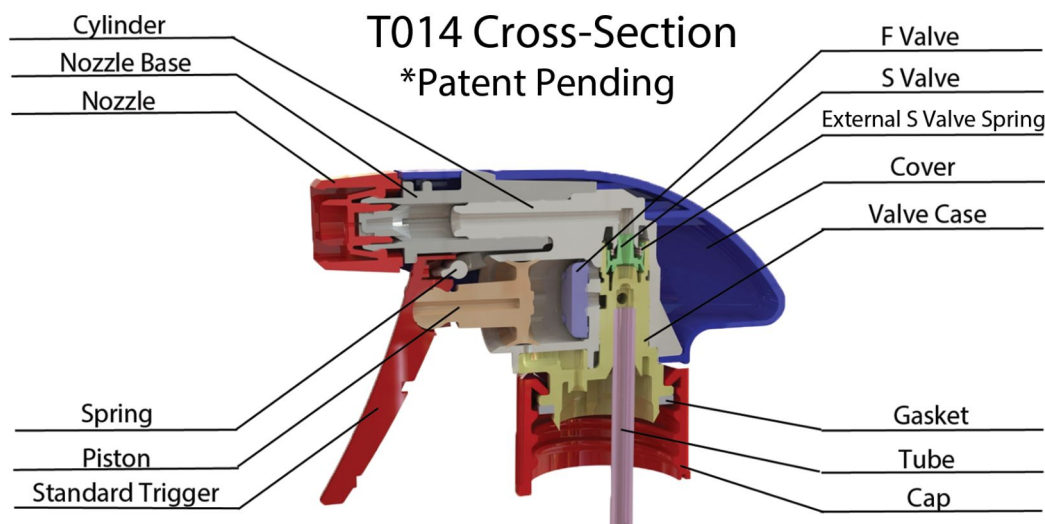
The T014 has an actuation force lighter than any pre-compression sprayer currently on the market. This ensures users can spray comfortably for longer. The T014 has been engineered to retain its pre-compression functionality over time, as 'traditional' pre-compression sprayers deteriorate for the duration of their shelf-life. Once the T014 is primed (6 strokes) it remains primed, easing repeat use. With a 1.0 CC output for rapid product use, the T014 is drip and leak free, ensuring the user's hand remains dry. Canyon Europe's T014 has a lead time of 4-6 weeks, the shortest on the market and is designed and manufactured exclusively at Canyon Europe's Northern Ireland Headquarters.

## Pre-Compression Technology



## **C** Technical Information: For T014

<b>Certification</b>	Child Resistant ISO 8317 certified
<b>Output</b>	1cc output (1ml)
<b>Spray Angle</b>	Standard: $48.6^{\circ} \pm 10^{\circ}$
<b>Endurance</b>	Minimum 10,000 trigger pulls (water)
<b>Spray Pattern</b>	Standard: $\phi 180\text{mm} \pm 40\text{mm}$ (at 200mm distance)



## **C** Pre-Compression Technology

- Internal pressure is created when trigger is first actuated.
- Liquid is drawn into the chamber and seeks 'path of least resistance' - attempts to leave sprayer.
- Spring loaded S Valve remains closed, ensuring liquid is not released.
- When internal pressure reaches 3.5 bar/49 psi, S Valve Spring compresses and the S Valve opens.
- When the pressure decreases the S Valve Spring rapidly expands, closing the S Valve immediately.
- This creates an even spray pattern, even particle distribution and eliminates drips.

## **C** We provide the best custom solutions

We have established a centre of excellence unlike anything else in Europe. We have a well-equipped R&D department and laboratory at your service. Our products are designed and tested in house and we are constantly developing and improving to meet customer demand.

We have facilities for CAD, mould design, finite element analysis, polymer and rapid prototyping. Working alongside the Polymer Processing Research Centre at Queen's University in Belfast, and the Northern Ireland Polymers Association (NIPA), we can provide the best solutions for our customers' needs.

## **C** Please get in touch, we would love to help

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