

Twister^{XL3}TM

by Curtis Dyna-Fog[®] Ltd.

Motorized Knapsack ULV Sprayer



Single High Output Microtec[™] Nozzle produces 90% of the droplets below 20 μ m (ULV) mass medium diameter at flow rates up to 6.0 oz/min (178 ml/min).



Tanks Purefire[™] 2.2 HP (40 cc) 2-cycle, low-emission, high-performance engine. Excellent reliability and low-cost operation.



High Speed Rotary Type, 3-Stage Steel Shaft Blower 95 CFM (2.68 ml/min). Positive displacement for maximum output and complete atomization.



Heavy-Duty Isolators reduce engine vibration.

**SETTING THE STANDARD
BY WHICH ALL OTHERS
ARE JUDGED!**

The Twister™ XL³ is the most impressive ULV backpack applicator in the world. The Twister™ features a remarkable nozzle and blower system that clearly outperforms the competition in value, durability and performance. It boasts the highest flow rates for true (ULV) droplets of any backpack sprayer on the market today. The Twister™ is designed as a lightweight compact aerosol generator that is ergonomically suited for long periods of use by the operator. This unit excels in controlling mosquitoes and other flying insects by way of its patented Microtec™ nozzle that produces 90% of the droplets under 20 microns at flow rates under

6.0 oz/min (178 ml/min). The quick change orifice system allows the operator to increase flow rates resulting in larger droplets produced which are ideal for leaving a residual deposit on surfaces such as vegetation and walls (barrier spraying for mosquitoes and flies). With the optional twin nozzle kit, you can apply formulations at a higher output where a fast application is required (such as poultry houses). The Twister™ is lightweight enough for most ATV racks, golf carts and small carts. Due to its high performance and its compact size, the Twister™ is the ultimate machine for adulticiding, barrier spraying, and spot treatments.



Adulticiding and Barrier Spraying Application of adulticides for space spraying and residual insecticides on surfaces for control of mosquitoes and flies.



Indoor Applications Warehouses, factories, dairy/poultry barns, food processing plants and greenhouses.




Vehicle Applications Can be mounted to golf carts, fork trucks, ATVs and utility vehicles



Optional Twin Nozzle Kit Provides the operator with the ability to spray with higher flow rates for a faster application

Machine Specifications: Twister™ XL³ — Model 3950, Series 3

Type	Knapsack/Backpack-Motorized, Aerosol Generator, Non Thermal, Insecticide, Ultra-Low-Volume (ULV).	Frame	High Strength, Welded Aluminum Tube
Engine	Tanaka, Purefire™ 2-cycle, 40 cc, low emission engine. Gasoline consumption: 26.7 oz/hour (800 ml/hour) approx. Operating Speed: 7,500 RPM, single Microtec™ nozzle. 8,500 RPM, optional two Microtec™ nozzles.	Accessories	Curtis Viscometer to determine the formulation viscosity, 2-cycle oil beaker, funnel, spare parts kit
Blower	High speed Rotary type, 3-Stage, Belt driven, 95 cfm (2.68 m ³ /min) unrestricted, pressure 3 psi. (.2 bar) max., tangential discharge, ground steel shaft with two high quality ball bearings.	Options	Twin Nozzle Kit (P/N 39716)
Flow Control	Interchangeable restricting orifice to produce different flow rates, from 1.5 oz/min (45 ml/min) to *17 oz/min (500 ml/min). * When using optional Dual Nozzle attachment	Dry Weight	26 lbs. (11.8 Kg.)
Nozzle	Single high output Microtec™ nozzle. Optional extra dual nozzle kit for higher output.	Dimensions	14.75" L (37.5 cm) x 12" W (30.5 cm) x 22.5" H (57.2 cm)
Droplet Size	Produces 90% of the droplets below 20 um (ULV) Mass Medium Diameter (MMD) at flow rates up to 6.0 oz/min (178 ml/min). Higher flow rates will provide larger droplets for residual deposit.	Shipping	25" L (63.5 cm) x 19" W (48.3 cm) x 16" H (41.1 cm) Volume: 4.39 cu.ft. (.123 cu. meter), Weight: 36 lbs (16.3 Kg)
Tanks	Corrosion resistant, high density Polyethylene. Formulation: 1 U.S. Gallons (3.78 liters) Gasoline: 33.3 oz (1 Lt)	"Innovators of Spraying and Fogging Technology Since 1947"	
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