



Microbecide® TC-320 Electrostatic Sprayer Data Sheet:

The Microbecide® TC-320 Electrostatic Sprayer combines conventional airspray atomization with proprietary Microbecide® spray charging technology to deliver unparalleled electrostatic performance and ruggedness for demanding applicators and operations. The TC-320 sprayer is a powerful, compact and quiet electrostatic sprayer designed for continuous operation and engineered specifically for applying water based nano coatings and Photo Catalytic Oxidation (PCO) agents such as Titanium Dioxide (TiO2).

Microbecide® TC-320 Electrostatic Sprayer Data Sheet	
Microbecide® Spray Charging Technology	Electrostatics ON-OFF on Spraygun
Conventional Aerspray Atomization	Liquid Flow Trigger ON-OFF on Spraygun
Electrostatic Charging Voltage	0.6 – 1.2 KV
Electrostatic Charge Polarity	Negative
Electrostatic Charge Potential	> -10uA
Droplet Size	30 – 60 microns (VMD)
Flow Rate Adjustable By Operator	20 – 240 ml/min
Flow Rate Adjustable While In Use	Flow Rate Control Panel in Case
Air Line – Pressure	2.1 bar (30 psi)
Liquid Line – Pressure	1.0 bar (15 psi)
Hose Length – Standard	10m (32.5 ft)
Spray Range	3 Meters
Spray Overhead	Yes
Tank Capacity	Unlimited
Tank Removable	Not Required
Quick Flush Clean Up	Yes
Liquid and Air Connectors	Chrome Plated – Thumb Push Operated
Spraygun Components	Stainless Steel
Spraygun Dimensions	45cm x 20cm x 6.5cm
Spraygun Weight	1.5 kg
Spraygun Operating Voltage	12VDC
Sprayer Enclosure	RoHS Compliant
High Volume Heatsink Exchanger	Heat to Air Exhaust System
Sprayer Components	Stainless Steel
Sprayer Dimensions	56cm x 41cm x25cm
Sprayer Configuration	Two-Wheel Suitcase
Sprayer Weight	27 kg
Sprayer Operating Noise Level	~65dB
Operating Voltage	220VAC/50Hz
Optional Operating Voltage	110VAC/60Hz
Limited Warranty	One (1) Year

This product data sheet describes the properties and specifications of our product to the best of our knowledge. It replaces all previous versions and is valid without signature. It is the duty of the user to insure that the use of our product complies with local applicable legal requirements.