



# AGRICULTURE SPRAYING DRONE

**MD-5**

MD-5 series agriculture drone specifically designed for small farmers (1 to 10 acres). Agricultural drone is developed with high quality carbon fibers and aerospace grade materials. MD-5 comes with the foldable arms which makes to fit in the trunk of the small car. Efficient spray system works as a complete plant protection system.



Scan the QR Code  
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## Features of MD-5



Upto 3 acres/ hour



7 mins endurance  
with full payload



30 mins to charge the battery



Max takeoff weight = 15 kg



Working voltage = 25.2 V



Foldable design



Max flying speed = 10 m/s



Transmission range = 1000 m

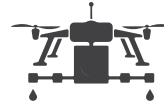
## Spray Parameters



Spray swath = 1.5 to 2 m



Max Flowrate of 2 L/min



No. of nozzles = 2

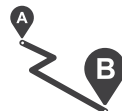


5 Liters tank

## Flight Modes



GPS mode



Inbuilt AB mode



Inbuilt route mode

## Flight Control Parameters



Better wind resistance



Hovering accuracy: horizontal =  $\pm 1.5$  m  
Vertical =  $\pm 0.5$  m



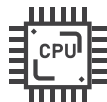
Multiple redundant backup



Bluetooth Enabled Secure  
Connection



Exclusive  
Ground Control Software



Dual CPU configuration



Max yaw speed = 150°/sec



Lightweight: 87 gm

## Safety Features



GPS Return-to-Home position



Low Battery Warning



Empty Tank Warning



Break Point Intelligent Record

## Optional Accessories



Electro static sprayer



Terrain Following Radar



Collision Avoidance Radar

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