AeroClean S2/S4

Solar Panel Cleaning Kit for DJI T-Series Agricultural Drones

Suitable for Various PV Cleaning ScenariosI T-Series Drones



2 / 4 Nozzle Options	20MPa High-Pressure Pump	10 / 20 L/min Flow Rate
1-2 MW Per Day Cleaning Capacity	55° Oscillating Nozzles	800m Remote Control

Compatible with DJI T-Series Agricultural Drones

Modular PV cleaning kit for supported drone fleets and different operation needs



DJI T-Series

T25 /T50 / T60 / T70 / T70P / T100 / T100S

S2 (2-Nozzle)

Designed for DJI T25 & T50

S4 (4-Nozzle)

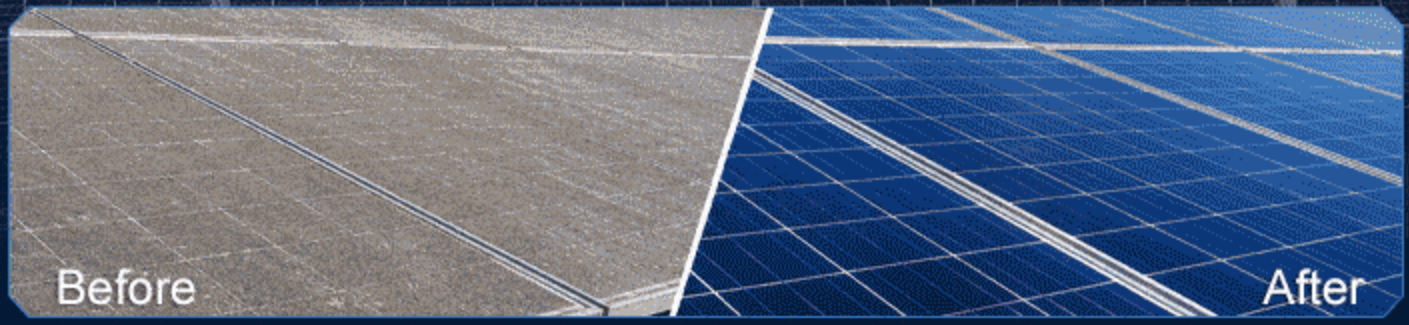
Compatible with DJI T60 / T70 / T70P / T100 / T100S

Expand PV Cleaning Business

For Different Payload & Efficiency Needs

Reference Cases

Suitable for Different Drone Platforms and PV Cleaning Tasks



Why Choose Drone PV Cleaning?

Traditional Cleaning

- High Labor Cost
- High-Altitude Risk
- Low Coverage Efficiency
- Difficult Access to Complex Sites

AeroClean S2/S4

- Drone Hover Cleaning
- Safe-Distance Operation
- Higher Coverage Efficiency
- Expanded Service Revenue

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Key Features of AeroClean S2/S4

01

20MPa / 40MPa High-Pressure Cleaning

S2 uses one 20MPa high-pressure pump, while S4 uses two 20MPa high-pressure pumps to form a 40MPa configuration for higher-demand PV cleaning tasks.



02



10–20L/min Flow Rate Options

S2 / S4 deliver 10 / 20L/min total flow for different PV cleaning scales.

03



55° Oscillating Nozzles

Brushless motor-driven nozzle oscillation expands the cleaning coverage during hover operation.

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04



800m Independent Remote Control

The cleaning system is controlled by an independent remote controller for flexible flight and cleaning coordination.

05

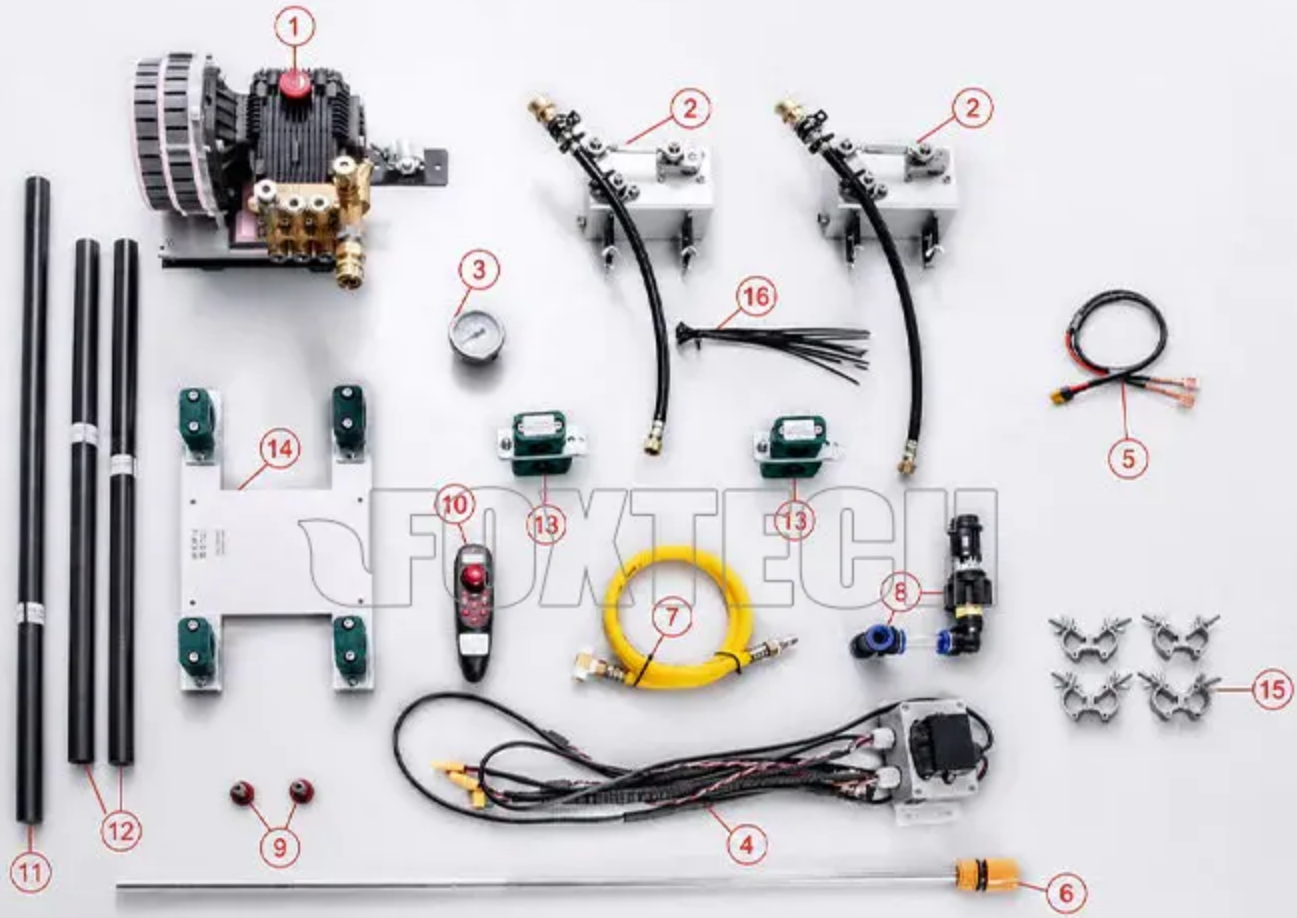


1–2MW/Day Cleaning Capacity

S2 / S4 deliver approx. 1MW / 2MW daily cleaning capacity for different PV cleaning scales.

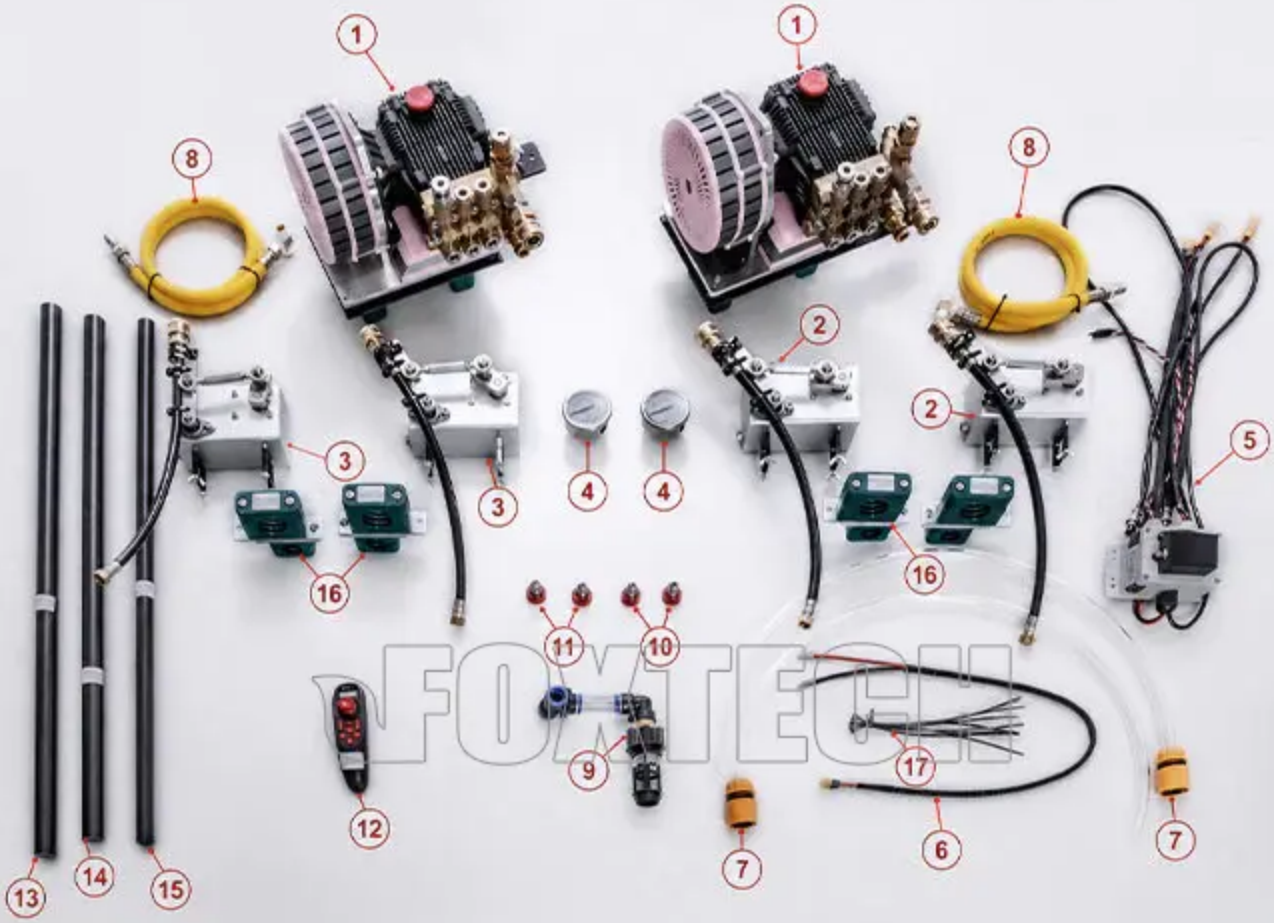
Your Purchase Includes

Two-Nozzle Configuration



1. Water Pump ×1
2. Oscillation Unit ×2
3. Pressure Gauge ×1
4. Control Box and Wiring Harness ×1
5. Power Cable ×1
6. Water Inlet Hose ×1
7. Water Outlet Hose ×1
8. Water Tank Connector ×1
9. Nozzle ×2
10. Remote Controller ×1
11. Oscillation Unit Mounting Aluminum Tube ×1
12. Water Pump Mounting Aluminum Tube ×2
13. Oscillation Unit Mounting Bracket ×2
14. Water Pump Mounting Bracket ×1
15. Water Pump Mounting Clamp ×4
16. Cable Ties × Several

Four-Nozzle Configuration



1. Water Pump ×2
2. Front Oscillation Unit ×2
3. Rear Oscillation Unit ×2
4. Pressure Gauge ×2
5. Control Box and Wiring Harness ×1
6. Power Cable ×1
7. Water Inlet Hose ×2
8. Water Outlet Hose ×2
9. Water Tank Connector ×1
10. Front Nozzle ×2
11. Rear Nozzle ×2
12. Remote Controller ×1
13. Front Oscillation Unit Mounting Aluminum Tube ×1
14. Rear Oscillation Unit Mounting Aluminum Tube ×1
15. Control Box Mounting Aluminum Tube ×1
16. Oscillation Unit Mounting Bracket ×4
17. Cable Ties× Several

Note: Package contents may vary depending on the selected S2 / S4 configuration.

Specifications

	S2	S4
Recommended Drone Models	DJI T25 / T50	DJI T60 / T70 / T70P / T100 / T100S
Nozzle Quantity	2	4
Pump Pressure	20MPa	2 × 20MPa high-pressure pumps, 40MPa in total
Pressure Adjustment	Both nozzles adjustable from 1–10MPa	All four nozzles adjustable from 1–10MPa
Total Water Flow	10L/min	20L/min
Cleaning Capacity	Approx. 1MW/day	Approx. 2MW/day
Weight	5.5kg	12kg

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Common Specifications

Nozzle Oscillation Structure: Brushless motor driven, 55° oscillation angle

Control Method: Independent remote controller

Control Distance: 800m

Notes

(1) S2 and S4 represent 2-nozzle and 4-nozzle configurations respectively.

(2) Package contents may vary depending on the selected S2 / S4 configuration.