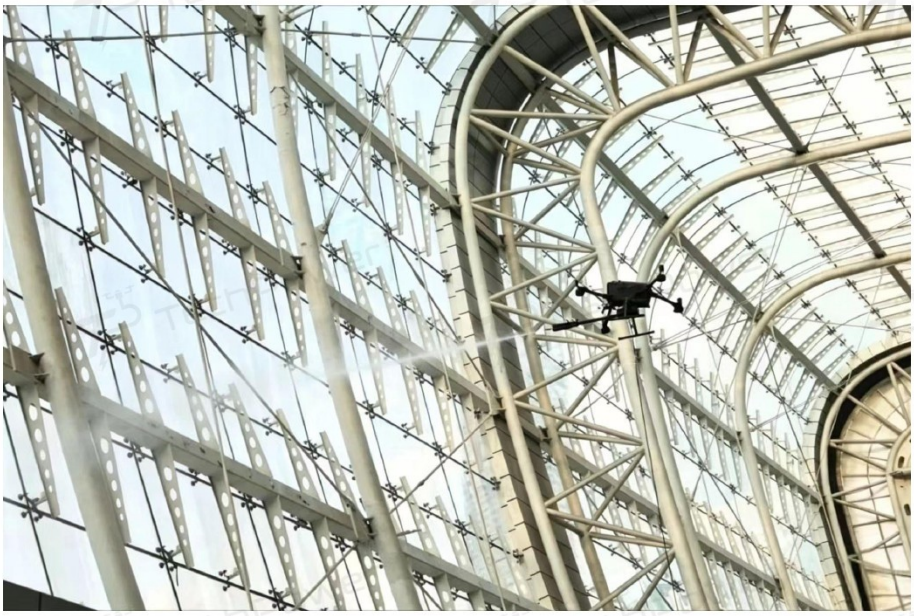
TP-M400-SG2



1. Project Overview

The TP-M400-SG2 is a left-right oscillating spray gun specifically designed for use with the DJI M400 drone in curtain wall cleaning applications. When used in conjunction with the DJI M400 remote controller, this gun allows direct control of the left-right oscillation mechanism, thereby expanding the cleaning coverage area and increasing the effective water spray impact rate – which enhances operational efficiency while reducing water consumption and secondary pollution.



Product Parameter

1	Spray gun dimensions	830×945×131mm
2	weight	1.2KG
3	way to install	bolting
4	installation site	Below the abdomen
5	control method	PSDK
6	service voltage	DC24V
7	operating power	≤50W
8	working temperature	-20℃-45℃
9	Jet range	7–10 meters
10	Communication Power Supply Interface	DJI M400 E-Port V2 Interface

11	Cleaning Method	Single-axis oscillation: horizontal 30° or vertical 30°, separately
12	Nozzle disassembly method	quick release
13	Inlet quick-disconnect outer diameter	12mm
14	Discharge port quick-release inner diameter	12mm

Stop the unit before manually changing the oscillation orientation. Jet-range test conditions: 2.0 mm nozzle, 10 MPa ground-pump supply, 900 L/h flow and Beaufort force 3 wind. Pump supply pressure is not the working-pressure rating of the complete spray gun; these conditions do not establish cleaning acceptance results.

Accessories List

TP-M400-SG2 Product Diagram	Default accessories	remarks
	▸ M400 cleaning water nozzle *1 ▸ Install one left bracket on the machine's belly*1 Install one right bracket on the machine's belly*1 ▸ Water sprinkler head set *1 ▸ Raw meal belt*1 ▸ M2.5 L-shaped wrench *1 ▸ M3 L-type wrench *1 ▸ M3×16 anti-loosening screws *8	Optional high-pressure water hoses and various specialized cleaning nozzles are available.