

Solar Cleaning Machine

Dust is one of the key factors affecting the efficiency of solar energy generation, dust pollution will greatly reduce the energy generation of photovoltaic power plants, estimated at least 5% per year.

Scube Technologies Limited

Powering Solarly



Why Clean Solar

Solar panels work by allowing light into the solar cells. The more light that hits a panel, the more power it will generate. Due to the upwards angle of solar panels, they are more prone to bird droppings and a build-up of general dust and dirt that does not wash off with just rain. This reduces the amount of light hitting the panel and reduces its output. As the projected energy figures claimed by solar panel manufacturers and installers are based on the optimum performance of clean solar panels, this build-up of dirt can adversely affect the panel's ability to meet those projections. So it is important to clean solar panels in order to protect and maintain your investment. Regular solar panel cleaning will also help you to make the most of the government feed-in tariff. While solar panel cleaning in the World is relatively new, in other parts of the world solar panel cleaning has been around for a long time. Early adopters of the technology soon realized that if their solar panels were not cleaned regularly, they would not run at their optimum performance.

Dry Cleaning

The water cleaning brush has the characteristics of low water consumption, strong atomization and high conversion rate, which can greatly save water, save cost and improve cleaning efficiency.

Increase Power Generation in winter

It can increase the power generation of photovoltaic power plants in winter, increase the power generation income of power stations in winter, and reduce the load caused by snow on the ground racking system.

Cleaning Bird Droppings

The brush head is light, the point of attachment is accurate, the disturbance power is large, and the cleaning power is strong.



Solar Cleaning Machine (STL-SCM03)

Technical Parameter

Rod length	6m
Rod Qty	4 PCs
Gushing brush	40mm
Flexible pipe	26m
Universal Tap Joint	Can be connected within $\phi 30\text{mm}$

Parts-1	Quick Plug connector
Parts-2	Pipe Fixing Ring
Parts-3	Water Flow controlling vavel
Parts-4	Screw driver

Product Feature

- Water fed brush head, 40cm width, suitable for cleaning solar panel, exterior wall, glass window etc.
- High Quality nylon brush, durable and long lifespan. Handle is spliced type, easy to be installed or disassembled.
- Each pole is 1.5 meter. Titanium alloy handle, low density, high strength & good corrosion resistance.
- Anti-freeze water pipe: same length with the pole and equipped with an extra 20 meters long pipe.
- Cotton brush & rubber brush as standard accessories, used for wetting function & water stain removing function.

Product Description

