

Coater for Fuel Cell Experiment



Product Overview

- The equipment is used for fuel cell process validation and slurry formula parameter adjustment
- The equipment is of high operation accuracy. The speed fluctuation of X-axis is 5‰, and the positioning accuracy of Z-axis is 5 μ m.
- Good coating and operation stability, and operating speed is kept within 0.5% at low speed (30mm/s).
- Low power consumption. The overall power is 3kW and is compatible with different slurries

Product Features

- Slurry saving, easy operation and high safety
- Compact structure design and small floor area

Product Parameters

Coating speed	MAX:0.6m/min
Coating speed accuracy	5‰
Coating wet film thickness range	30–100 μ m
Deviation of coating dry film thickness	\pm 10% (platinum load Pt)
Coating method	Slot die extrusion coating
Mechanical operation speed	MAX:12m/min