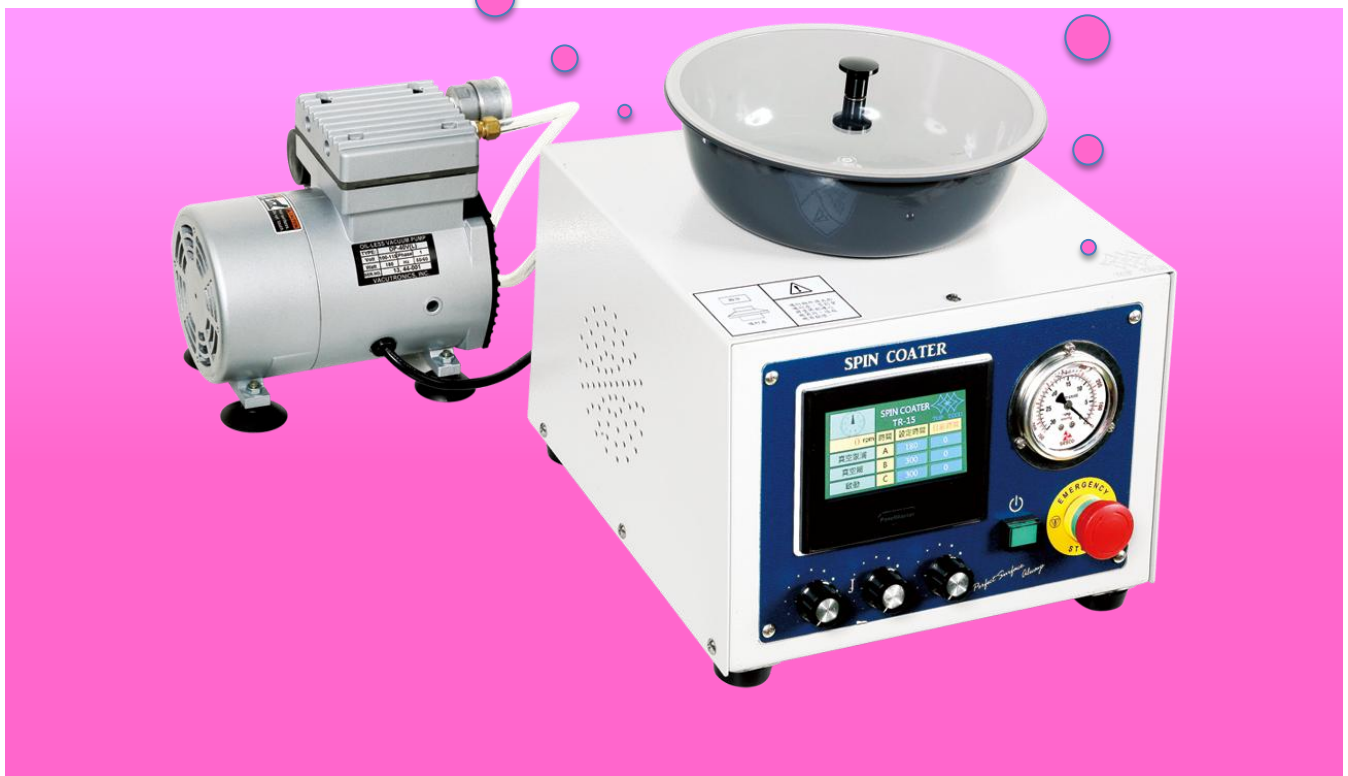


Spin Coater

TR15

Stable rotation
Good for coating

Three sections time
setting program



Instruction



Operation video



Feature

Vacuum pump

- Quick vacuum (50L/min)
- High vacuum degree (-650mm/Hg)
- Silent



Sample tanks

- Easy to observe and put samples

Quick connector

- Main power switch
- Built-in fuse wire devices



Option



Touch panel

- Rotational speed show on touch panel and can be adjusted while operating
- Operating time setting: three sections
Section1: 0-180sec
Section2: 0-180sec
Section3: 0-300sec
- Setting time display on the touch panel
(Can be adjusted while operating)

Smart rotational speed design

- 150 ~8000rpm.
(Can be adjusted according to different sample material)
- Rotational precision: $\leq 1\%$
(Eros between real rotational speed and display speed)





Worthy Options - Working Table



Working Table

Multifunctional working table, it supplies you a place to put your machine and store your accessories. It can be moved easily.

Model No.	TF01	TF02
Size	1000*800*700 mm	1200*1000*700 mm
Sample		

Specification

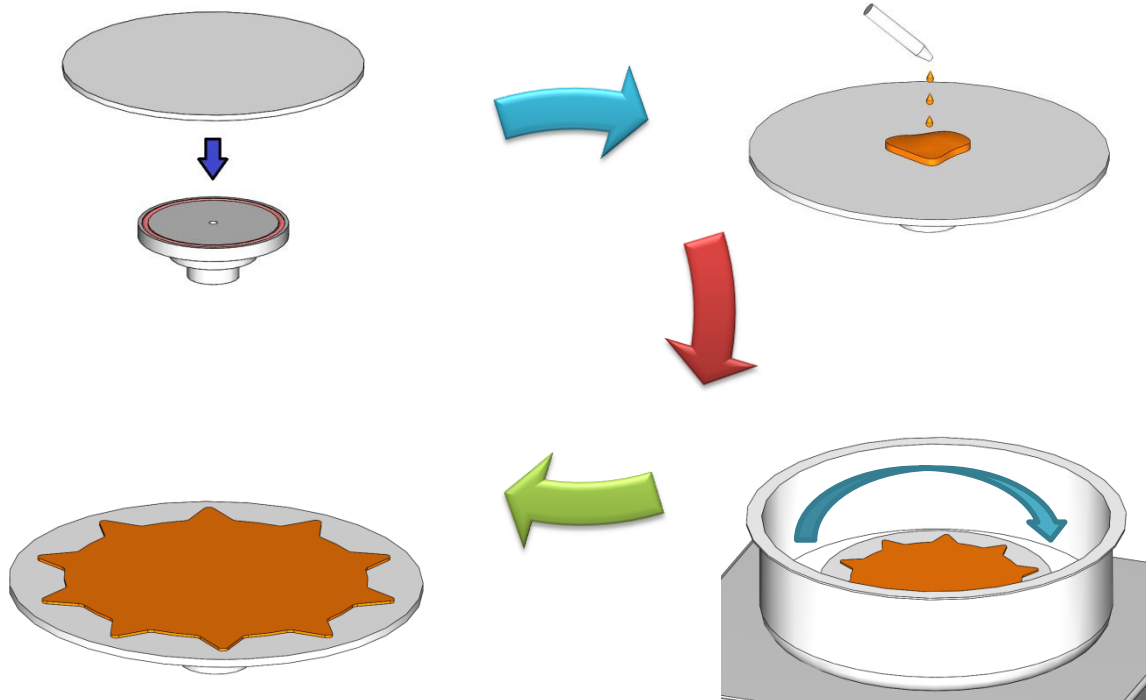
Model no.	TR15
Sample qty.	1
Coat range	Small than Ø150mm,glass panel
Material of vacuum suction	Aluminum alloy
Control panel	Touch penal control
Suction way	Vacuum suction
Vacuum pressure	Pressure gauge display
Suction hole of pump	1/4 inch PT , Ø10mm pipe
Exhaust pipe	1/4 inch PT , Ø6mm pipe
Motor power	120W
Rotational speed	150~8000rpm
Type	Table top
Machine weight	40kg
Tank size (WxH)	220 x 70mm
Machine size (WxDxH)	320 x 350 x 350mm
Power supply	AC110 / 220V-1Ø
Standard accessories	vacuum suction 13mm (1/2")

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Operation

1. Turn on vacuum valve

2. Drop the coating fluid on to the glass panel.



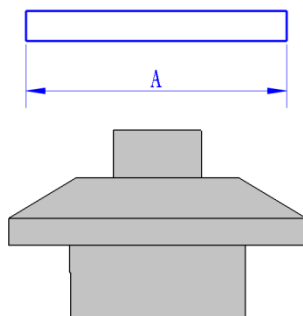
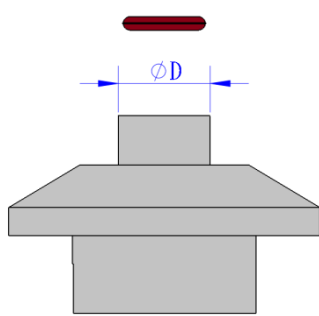
4. Observe the distribution condition of glass panel.

3. Turn on machine after putting on the cover.
Machine rotates to make the coating fluid
homogeneous distribution on the glass panel.

Knowledge Base	Photoresist is a light-sensitive material, such as photolithography and photoengraving, to form a patterned coating on a surface. Photoresist that loses its resistance to chemical etching when exposed to radiation and is used especially in the transference of a circuit pattern to a semiconductor chip during the production of an integrated circuit.
	Film thickness of coating has good uniformity. The most important thing is to control the thickness of the chemical which also called Film Thickness.
	The faster the rotational speed (RPM) you set, the thinner Film Thickness you would have. The longer rotational time you set, the thinner Film Thickness you would have. The quality depends on the film thickness and its uniformity.
	Spin coater do not suitable to apply on the uneven patter structure.

Option


Specification of suction

			
Order no.	Outer dia. D (mm)	O-ring	
TR1513	Ø13	HM080007	
TR1505	Ø25	HM080018	
TR1506	Ø20	HM080012-1	
TR1515	Ø50	HM070040	
TR1516	Ø75	HM070065	
TR1517	Ø100	HM070090	
TR1518	Ø125	HM070115	
TR1519	Ø150	HM080140	
TR1526	Ø8	HM3007	
TR1527	Ø125	HM070090	
TR1528	Ø175	HM070135	
TR1529	Ø16	HM280011	
TR1532	Ø62.5	HM070050	
Remark: Sample size must bigger than suction size (A>D) which prevent machine get damages during operation			



Option

Vacuum pump

	Order no.	Voltage
	QVA007	110V
	QVA008	220V





*Perfect Surface.
Always*

Cutting / Mounting / Grinding & Polishing / Spin Coater

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