


**MODEL: PRT-U1113E ONE-LAMP UV DRYER (Mercury Lamp) (CE)**

This machine is used in drying UV putty, transparent primer, top paint and some other UV paint. Which could be control according the performance of paint from different factories.

The machine's function is drying the paint film in a moment, it suitable production line. Which can raising the production efficiency and reducing human sources and solving some problem which appearance in traditional process.

It suitable for 100% drying primer of wood, MDF, melamine board, PMMA, aluminum and PVC board.

1. Effective working width:	0-1320mm		
2. Working thickness::	2-80mm		
3. Min length of item:	300mm		
4. Conveyor speed:	0-20m/min		
5. Energy:	100-300mj/cm <sup>2</sup> at 80 W/cm		
6. Total Power:	18KW at 120 W/cm		
7. Machine size:	1200mm×1850mm×1750mm		
8. Energy source system:	Lamp	17KW mercury lamp * 1set	Lamp shade: L1478mm *1pc
	Capacitance :	Dry powder with plastic shell *1 set	
9. Conveyor system:	Chain: spacing 38.1mm	∅ 25mm Stainless steel tube	
10. Main part of machine:	Visible window design	Independent light box, 1set	1set cooling fan

11. Control Panel	Touch screen, easy to control.		
Electric equipment:			
12. Conveyor motor:	Brand: Taiwan	Specification: 0.75KW CH28 30:1	Quantity: 1 set
13 Inverter:	Brand: Siemens	Specification: 0.75KW * 1 set	Quantity: 1 set
14. Low-voltage apparatus:	Brand: Siemens		
15. Safety automatic	If any machine of the line problem , all machine before fault machine stop conveyor, and up automatic , protect itself.		
16. Main Difference	<p>A. The inverter suitable for gallium lamp and mercury lamp.</p> <p>B. The lifetime for the lamp longer than the normal transformer.</p> <p>C. When no workpiece pass through the machine, the energy of the lamp will adjust automatic to 20% to save the energy.</p> <p>D. The lamp output power can be stepless speed regulation from 20%-100%;</p> <p>E. The input voltage within <math>\pm 15\%</math>, will not have any impact for the lamp.</p>		
17. Lamp lifetime	1000-1500 hours		

