

AP-112 Automatic UV Screen Printing Machine for Tube and Jar



The AP-112 fully automatic UV screen printing machine is equipped with an incoming material conveying system. This system uses mechanical tongs to automatically transport the products to the core shaft positioning station. The equipment adopts a 12-position vertical turntable indexing structure. An Italian-brand main motor drives the operation of the entire machine.

This screen printing system also includes the following stations:

- Flame pre-treatment station
- Deionization station
- Mechanical indexing screen printing station
- ALPHA-CURE UV curing station
- Automatic Discharge Conveyor

Features:

- High precision vertical rotary index table (12 stations)
- OMRON PLC controlled with touch screen
- Mechanically synchronized print heads for precise printing results
- In-feed loading conveyor and auto-unloading
- Quick and easy set-up and change-overs
- Adjustable squeegee angle and height
- Printing speeds up to 80 pcs per minute

Specifications:

Model	AP-112
Print color	1 Color
Print product size (Diameter x Length):	Ø10mm-Ø75mm, L20mm-230mm
Max. print area:	236x170mm
Max. printing speed:	60-80 pcs/min
UV lamp power:	3 KW
Electrical Supply:	380V/480V 3Phase 50Hz/60Hz
Air requirement:	5-7 BAR
Power consumption:	4.5 KW
Machine Dimension (LxWxH):	1625x1200x1800mm
Weight:	1500 KG