

RGY4-15 Softgel Encapsulator



This is small capacity equipment that is suitable for sampling production or small batch production. It is compact in structure, with a patented pendulum align die roll and an open housing assemble structure, easy to use and maintain.

Feature:

- The die roll diameter is the same as the die roll diameter of the large-scale production equipment, which can better accommodate the size of the die roll cavity and the process parameters of encapsulation. Touch screen control and display;
- An independent chiller is used to control the temperature of the gelatin drum, which is more stable and more convenient to operate;
- The gelatin level is controlled by a capacitive proximity switch, which is non-contact, stable and reliable;
- Precision metering pumps are used to achieve a small amount of lubrication on gelatin ribbon, while saving lubricants and reducing the time for drying soft capsules;
- The die roll shaft drive uses a new transmission structure, making the drive simple and reliable;
- A precise connecting-rod mechanism is used for die roll alignment to achieve pre-line alignment and accurate adjustment, which is convenient to operate. Only one person can complete the operation and it can be adjusted on line;
- An open housing assemble structure is used for easy inspection and maintenance;
- The device has low energy consumption, compact structure and small footprint, and is suitable for pilot test or small batch production.

Parameters:

NAME	PARAMETER
Speed	0~3.5rpm
Dimension	Φ150x100
Plunger dosage	1.5mL (±1.5%)
Production capacity	30,600 pcs/h @3rpm (8#OV); 14,850 pcs/h @3rpm (20#OB)
Spindle support	bearing method
Gelatin drum cooling method	external chiller
Gelatin ribbon lubrication method	micro lubrication pump
Feeding pump lubrication	circulation out of outside circulation with diaphragm pump
Material of gelatin drum	stainless steel, chrome-coated