

NKCS-50 Single Head Vial Sealing Machine



N.K Industries, headquartered in Ahmedabad, Gujarat, India, is a leading manufacturer, supplier, and exporter of the renowned Automatic Single Head Vial Sealing Machine Model NKCS-50. Specifically designed for the capping of vials in the production of injectable products, this machine plays a critical role in ensuring a hermetic seal and maintaining the integrity of the drugs inside the containers.

The Automatic Single Head Vial Sealing Machine Model NKCS-50 by N.K Industries is the ideal solution for pharmaceutical industries seeking moderate production output of up to 50 vials per minute.

This machine operates on a sporadic motion principle, facilitating the application and sealing of conventional flip-off caps and tear-off caps on vials and glass bottles. One of its unique features is the "No Vial - No Capping" system, ensuring that caps are only applied when vials are present, minimizing waste and ensuring accurate sealing.

The CGMP (Current Good Manufacturing Practice) models of the machine are meticulously designed to minimize particle generation during the capping process. These models are suitable for installation in conventional contamination-controlled environments as well as under isolators, ensuring compliance with stringent industry standards.

Choose N.K Industries' Automatic Single Head Vial Sealing Machine Model NKCS-50 for reliable and efficient sealing of vials in the pharmaceutical industry. Experience our commitment to quality, innovation, and meeting the specific requirements of the pharmaceutical manufacturing process.

Salient Feature of Machines:

- Compact footprint
- CGMP model
- User-friendly operation and minimum maintenance
- Parts made of AISI 304 for contact with vials and caps
- Quick size change-over and setup times
- Crease-free sealing and qualitative hermetic sealing
- Adjustable sealing pressure for different cap sizes
- Safety clutch device for machine stoppage in case of vial overturning or jamming
- Lowest particle generation
- Optional Viton sealing roller and Pneumatic Sealing head available
- CE certified electronics, gear motor, and gearbox
- "No Cap - No Vial" system.

Technical specification:

Model	NKCS-50
Machine type	Single head Vial Sealing machine
Direction	Left to Right
Vial Diameter (mm)	Up to 45 mm
Vial Height (mm)	75mm* Maximum
Flip off Seal / Tear of Seal Sizes	Applicable for 13mm, 20mm, 32mm
Cap pickup ratio	≥99.7%
Qualified capping ratio	≥99.5%
Bottle breakage ratio	≤0.5%
Production rate	Up to 50 Vial per minute
Electrical supply	0.5 HP for Main Drive
No of Sealing Head	Single head
Power requirement	230 V ,1 Phase (4 Wire System) 50 HZ
Height of Conveyor	Adjustable from 800 to 850 mm
Dimension (L X W X H) mm	1220 X 635 X 1700