

## *NKAIM-60 Ampoule Inspection Machine*



Introducing our revolutionary Ampoule Inspection Machine, crafted by our renowned experts who possess unwavering dedication and extensive experience. This cutting-edge machine has garnered widespread acclaim for its exceptional performance. We take pride in offering this remarkable product at competitive prices, catering to the diverse requirements of our esteemed clients. As a distinguished manufacturer, exporter, and supplier of the Automatic Ampoule Inspection Machine, we have earned a stellar reputation in the industry.

Highlighted by its remarkable resistance to corrosion, exceptional tensile strength, and seamless operations, our Ampoule Inspection Machine has become the epitome of excellence. This user-friendly machine is specifically designed for inspecting ampoules within the pharmaceutical sector, meeting the stringent quality standards of the industry.

At N.K Industries, we specialize in manufacturing state-of-the-art Ampoule Visual Inspection machine, known as Model NKAIM-60. This advanced machinery is widely utilized in injectable formulation plants, offering meticulous inspection of liquid contents within ampoules while minimizing the need for human intervention. Additionally, this model can also be efficiently employed for inspecting vials, including those of up to 30 ml, with the use of appropriate change parts.

The unparalleled feature and expertise of our Ampoule Visual Inspection Machine lie in its exceptional ampoule spinning mechanism, which generates a powerful vortex within the liquid, enabling the detection of even the tiniest particle impurities. Experience the pinnacle of precision and reliability with our Ampoule Inspection Machine.

## Key Features of Our Machines:

- **Exemplary cGMP Design:** Our machines are meticulously crafted to adhere to total cGMP (Current Good Manufacturing Practices) standards, ensuring the highest level of quality and regulatory compliance. Experience hassle-free operations and a maintenance-free performance that sets our machines apart.
- **Premium Quality Construction:** We utilize AISI 304 stainless steel for all contact parts of our machines. This superior material guarantees durability, longevity, and utmost hygiene, meeting the strictest industry standards.
- **Effortless Ampoule Loading:** Our machines are designed to facilitate effortless mass loading of ampoules into the hopper, streamlining the production process and maximizing efficiency.
- **Enhanced Speed with Ampoule Spinners:** To achieve exceptional speed and accuracy, our machines feature six ampoule spinners. The rotation of these spinners can be easily adjusted to generate the desired vortex within the liquid, ensuring precise inspection.
- **Coherent Real-Time View:** Experience a magnified view of the ampoules with backlit illumination, providing a clear and coherent real-time display of six ampoules simultaneously. This advanced visual system aids in efficient inspection and quality control.
- **Modular and Compact Ejection System:** Our machines incorporate a modular and compact ejection system, optimizing space utilization while ensuring smooth and efficient ejection of inspected ampoules.
- **Repeat Cycle Functionality:** Enjoy the convenience of a repeat cycle feature, allowing for seamless and repetitive inspection processes with minimal manual intervention.
- **Safe Rejection with LED and Buzzer Assistance:** Our machines are equipped with LED lights and an audible buzzer system to ensure safe and reliable rejection of defective ampoules, minimizing the risk of compromised product quality.
- **Production Monitoring:** Track and monitor production with ease using our two inbuilt counters. One counter keeps a record of the total production status, while the other counter specifically tracks the number of rejected units, providing comprehensive production insights.
- **CE Certified Components:** Rest assured that all electrical and brought-out items in our machines are CE certified, guaranteeing compliance with rigorous safety and quality standards.

## Technical Specification:

Type of Machine	Inspection of Vial and Ampoule with minimum human intervention
Ampoule Diameter range (mm)	10 mm to 15 mm
Ampoule height (mm)	55 to 125 mm
Speed (Ampoule per minute)	60 to 70 Ampoules per minute depending upon the Human proficiency.
Power consumption (KW)	1 KW
Electrical Connection	230 V, Single Phase , 50 HZ
Machine Dimension (LxWxH) mm	1530 X 1200 X 1575
Ampoule loading	Through tray in hopper
Net Weight (KG)	500 KG