

NKPF-60S Semi Automatic Dry Powder Filling Machine



N.K Industries based in Ahmedabad, Gujarat, India is a manufacturer, supplier, and exporter of the Semi Automatic Dry Powder Filling Machine Model NKPF-60S. This machine is designed for the semi-automatic dosing of sterile powders, offering precise and reliable filling of glass vials with minimal human intervention.

The Semi Automatic Injectable Dry Powder Filling Machine is an affordable solution developed by N.K Industries to meet the low to moderate production requirements of various injectable pharmaceutical companies. It provides a cost-effective option for accurately filling sterile powders into vials.

One of the key features of this machine is the "No Vial - No Fill" system, ensuring that filling only takes place when vials are present, reducing wastage and ensuring efficient operation. This feature enhances the accuracy and reliability of the dosing process.

The unique vacuum-pressure dosing system employed by the machine enables the precise filling of powders into glass vials, ensuring consistent dosing and maintaining the integrity of the pharmaceutical products.

Choose N.K Industries' Semi Automatic Dry Powder Filling Machine Model NKPF-60 for a cost-effective solution that meets your low to moderate production requirements. Experience our commitment to quality, precision, and innovation in providing reliable filling solutions for injectable pharmaceuticals.

Salient Features:

- CGMP Model
- Highly precise vacuum-pressure-based powder dosing system

- Manual bottle feeding on the bottle loading platform
- Contact parts made of SS 316L
- "No Vial - No Filling" technique to eliminate wastage of sterile powder
- Flexible to accommodate vials ranging from 5 ml to 50 ml
- Quick changeover with minimal tool usage
- Removable contact parts for mandatory autoclaving

Technical Specification:

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|---------------------|--|
| Filling Speed | 40 Vials/minute based on 5-10ml vial for Single Dosage (Depending up on size/types of vial & powder density) |
| Design | Left to Right |
| Dosage | 50 mg to 1.5 grams. Single Dose (with Change Parts) |
| | 1.5 grams to 6 grams. Double, Triple and Four Doses. |
| | Fill range depending upon vial opening and bulk density of powder. Under controlled level of Humidity (i.e. 25%) |
| Dosing wheel | One |
| Dosing port / Wheel | 8 Nos |
| Via Diameter | 25 mm to 45 mm max |
| Vial Height | 75 mm maximum |
| Power Supply | 0.5 HP , 230V, 1 phase |
| Fill Accuracy | ±2% depending upon consistency and uniformity of bulk density of injectable powder |
| Bottle Loading | On provided bottle Platform |
| Powder Suction | Through Vacuum |
| Powder Delivered | Through Air/Nitrogen (Customer to Provide) |
| Machine Dimension | 525 (mm) X 600 (mm) X 650 (mm) |