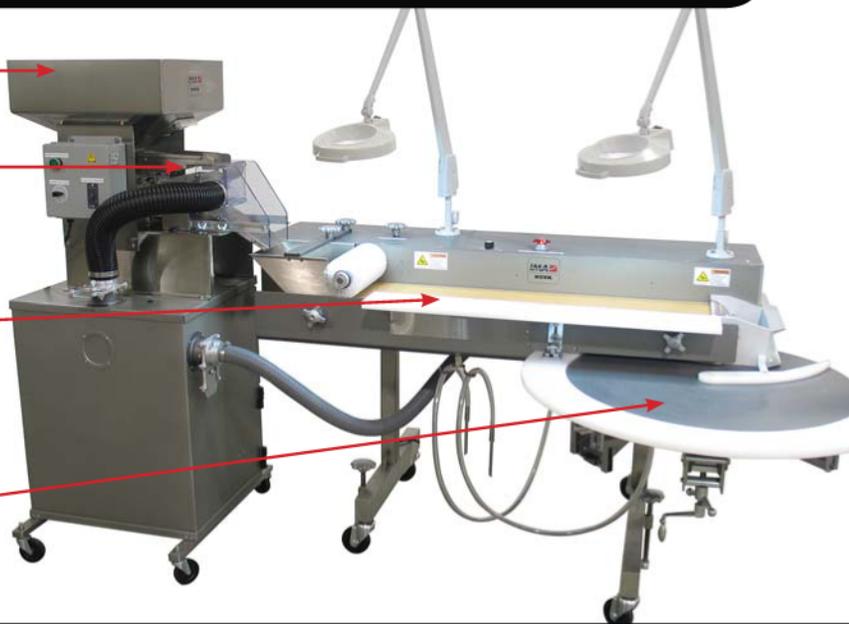


QUALITY ASSURANCE SYSTEMS

QA Tablet Inspection Tables

Models QA79 & QA97

- QA64 Feeder
- Variable speed
Vibrating sifter screen
- Inspection Station #1
For one-sided inspection
(QA79 utilizes this station only)
- Inspection Station #2
For two-sided inspection
(Furnished integrated on QA97)



Technical Data

SPECIFICATIONS

QA79

Feeder

QA64 Feeder (next page)

Floor Space

62" x 26" – 157mm x 660mm

Materials

Anodized aluminum housing, formica armrests, removable nylon leveling brush

Inspection Belt

10" wide – 254mm.
Rubberized fabric, variable speed to 20"/min. – 6 meters/min. Capsule tracks and translucent belt with backlighting available.

Product Reject

Vacuum pick-up nozzle

Electrical

Belt motor 1/4 hp, 115/60/1

Weight

Net 650 lbs – 294 kg
Gross 904 lbs – 410 kg

QA79

The QA79 is specifically designed for inspection of 2-piece capsules, soft gelatin capsules, and capsule-shaped tablets. It can also be used for one side inspection of compressed and coated tablets. Capsules are automatically fed and oriented into guides, where they rotate slowly as they travel along the inspection belt. The rotation exposes the full surface of each capsule for inspection by an operator. Rejected capsules are removed by means of a hand-held vacuum pick-up nozzle. The QA79 has been designed to provide easy cleaning to meet GMP standards, without danger of product mix-up, and without even requiring tools. Belt changes, capsule guide removal and adjustment of feed roller and belt speed are fast and simple. The drive system is completely isolated from the inspection area. A special feeder, cleaner and vacuum source can be furnished as an integral part of this machine, and special purpose modifications can be made to the QA79 to automatically feed and count, when necessary, a wide range of products, such as vials of lyophilized medications.



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SPECIFICATIONS

QA97**Feeder**

QA64 (as described below)

Floor Space

96" x 48" – 2440mm x 1220mm including feeder

Materials

Anodized aluminum housings, formica arm rests, removable nylon leveling brush

Inspection Stations

#1 – Rubberized fabric belt, 10" wide – 254mm

#2 – Hard coat surface, 10" wide – 254mm

Both stations integrated, speed variable to 20'/min. – 6 meters/min.

Product Reject

Vacuum pick-up nozzles

Electrical

Belt motor ¼ hp, 115/60/1

Weight

Net 1450 lbs – 658 kg

Gross 1735 lbs – 787 kg

QA97

The QA97 System thoroughly sifts, cleans and allows inspection of tablets and capsules. The unit's basic design eliminates the possibility of product mix-up. Within minutes, by simply loosening a few hand knobs, the arm rests, side frame, inspection belt and belt support plate can be removed for cleaning and change-over, meeting GMP standards. In operation, the large volume feeder delivers product to the QA97, where a revolving nylon brush levels product on the belt to a single layer for inspection. The inspector, who can adjust the belt's speed, lifts off damaged or imperfect product with a vacuum pickup nozzle leading to a disposal container. If inspection of the second side of tablets is required, a turnover system gently reverses tablets to a turntable, where a second inspector checks them for imperfections. Available as an option are easily installed guides for inspection of two-piece capsules, soft gelatin capsules and rounded capsule-shaped tablets. These guides provide rotation of the product, allowing full circumference inspection.

QA64 Feeder

This large volume feeder gently removes chips, dust and other objectionable material from uncoated compressed tablets prior to the packaging operations. It can be furnished as an integral part of both the QA79 and QA97 Systems, presenting clean whole product to the inspection machine. It is often used as a tablet de-duster in conjunction with tablet compression equipment.

Tablets are fed out of the hopper and pass over a variable speed vibrating sifter screen, which eliminates dust and chips by allowing them to fall into a removable collection drawer. As the tablets pass off the vibrating screen to the discharge chute, they flow over a second screen where any remaining powder is drawn away by a vacuum dust removal manifold.

The QA Feeder features quickly interchangeable stainless steel screens in varying sizes and ball bearing swivel-casters for easy portability. All other parts which come into contact with product are of stainless steel, including the hopper.



SPECIFICATIONS

QA64 Feeder**Hopper Capacity**

1850 cu. In. – 30 liters

Floor Space24" x 20" – 609mm x 508mm
Portable, on swivel casters**Feeding Mechanism**Vibratory feeder, rheostat controlled
Removable dust control manifold**Sifting Screens**Perforated Stainless Steel
Perforations 1/8" to 1/2" 3mm to 12.7mm
in 1/16" increments – 1.52mm**Materials**Sheet steel, painted. All contact parts
Stainless Steel or Lucite**Electrical**

Vacuum motor 1/3 hp, 115/60/1

WeightNet 250 lbs – 113 kg
Gross 374 lbs – 170 kg