

# KEY CAPSULE POLISHER MODEL CP-350-WD

**FOR POLISHING ALL SHAPES AND SIZES OF CAPSULES**

The Key CP-350-WD is unique because it does two jobs, polishes, capsules and dedusts tablets. And it polishes and dedusts to the same level of quality as units that are designed to do only one of these operations. It's also compact in size and economically priced as compared to other capsule polishers.

The CP-350-WD combines GMP (Good Manufacturing Practice), a field proven rotating brush type method operation, with engineered-in features that facilitate use, cleaning and maintenance. This ability to do the job of two separate pieces of equipment also results in significant cost and labor savings. The unit can either stand alone or to be incorporated into an existing production line.



## HOW THE CP-350-WD COMPARES

The CP-350-WD has many advantages over vibratory and rotating cylinder capsule polishers. This includes more gentle product handling, which results in less attrition, breakage and waste. In addition, there is easier disassembly/assembly and cleaning, fewer and less expensive change parts, and an efficient dust collection nozzle. Also, replacement parts, including brushes, nets and shafts, can be purchased separately, rather than as a costly complete assembly. Available options further increase capabilities beyond those of other units, and tailor the CP-350-WD to fit specific requirements. The CP-350-WD is completely manufactured in the United States, so replacement parts are readily available. The CP-350-WD redefines state-of-the-art, with significant advantages from every aspect of overall capability, operating efficiency, reliability and end product finished quality.

## SPECIAL ENGINEERING FEATURES

### **POLISHING NET**

A polishing net, which slides easily inside the perforated tube is made of smooth polyester. This ensures more gentle product handling as compared to the metal surface of other units. A more reliable method of holding polishing net position: and exclusive hinge lock & pin system holds the net in position, to prevent rotation during operation.

### **SNAP & LIFT ASSEMBLY**

Un-Snap & lift disassembly/assembly, which takes only minutes, minimizes downtime for changeovers and maintenance. After breakdown, all surfaces are exposed for simple, fast and complete cleaning.

### **SEALED BALL BEARINGS**

Heavy duty, sealed, ball bearings are fitted onto each end of the brush shaft to eliminate friction. The smoothest possible operation is ensured with a reduction in the power requirement, with extended unit life.

### **VARIABLE SPEED OPERATION**

Variable speed drive allows for full adjustment of the polishing or dedusting cycle, to synchronize with tablet production.

### **WASH-DOWN**

The CP-350-WD is built to NEMA 4 specification, which allow for direct wash-down. All motors, enclosures, switches and fittings are sealed. Areas within the machine where water could accumulate are designed with 'bleed' holes for drainage.



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## ADDITIONAL FEATURES

- GMP design and construction
- Tilt action polishing/dedusting chamber for precise adjustment of the operating cycle with product requirements
- Nylon brush and polishing net that's impervious to product absorption
- Fully adjustable in-feed hopper (three positions on plane and up/down)
- All 304 stainless steel contact parts
- Non-marking rigid and swivel casters
- Efficient dust collecting nozzle

## SPECIFICATIONS

### **ELECTRICAL**

Motor: 1/4 hp, permanent magnet, variable speed, D.C.  
Power requirement: 115V/single phase/60 cycle.  
230V/single phase/50/60 cycle is optional.  
(4.0 full load AMPs)

### **PHYSICAL**

Width: 24"/610mm  
Height: 40"/1016mm  
Depth: 30"/762mm  
Discharge height (adjustable): 27"-30"/686-762mm  
Inlet height (adjustable): 33"-38"/838-965mm  
Weight net: 55 lb./25kg  
Weight shipped: 125 lb./57kg

### **CONSTRUCTION**

Cover: 304 stainless steel  
Polishing chamber: 304 stainless steel  
Discharge chute: 304 stainless steel  
Infeed chute: 304 stainless steel  
Polishing net: Polyester with vinyl edges  
Brush: Stainless steel with nylon bristles

Specifications subject to change without notice

## OPTIONS

### **MODEL MTCS CAPSULE SEPERATOR SYSTEM**

Effectively removes empty, separated or broken capsules in the 00 to 4 size range. There's no moving parts to wear. The collection bin is easy to detach and disassemble for cleaning. Model MTCS also fits other brands of capsule polishers. Air requirements 4.0 to 6.0 CFM @10 to 15 PSI.

### **DUAL BRUSH SYSTEM**

System consists of two brushes that differ in diameter and bristle stiffness, to more effectively hold, rotate and transport product.

### **AIR-FLO SHAFT**

Continuously removes dust from hard to clean product to maximize cleanliness. Compressed air is provided along the entire length of the finishing chamber. Air requirements 11.5 to 3 CFM @10 to 15PSI

### **COIL-FLITE**

Positioned inside the chamber, it ensures the continuous, forward movement of heavy and large product.

### **MANUAL IN-FEED HOPPERS**

Hopper is stainless steel and features a four-sided pyramid shaped design.

### **STATIC ELIMINATOR**

An ionized point type conductive air probe can be supplied for removal of static held dust. Unit is self-contained and machine mounted.

## TECHNICAL SERVICE

A Key International service technician is available for on-site servicing when required. Equipment can also be returned to the Cranbury, New Jersey factory for prompt service.

### **LOOK TO KEY INTERNATIONAL FOR:**

**PROCESSING EQUIPMENT:** Capsule Checkweighers - Capsule Fillers - Capsule Polishers - High Shear Mixers & Granulators - Homogenizers - Metal Detectors - Rotary Tablet Presses - Tablet & Capsule Inspection - Tablet Coaters - Tablet Dedusters - Tablet Friability Testers - Tablet Hardness Testers - CORA Butterfly Valves  
**PACKAGING EQUIPMENT:** Blister Packaging - Bottle Cappers - Bottle Fillers - Bottle Inserters - Bottle Unscramblers - Cartoners - Form/Fill/Seal Pouch Fillers - Single Dose Pre-formed Plastic Shells - Stick Pack Packaging - Suppository Systems - Tablet & Capsule Counters - Tube Fillers - Key-Lon & Key-Lube

8/2015

**Key International, Inc.**  
4 Corporate Drive  
Cranbury, New Jersey 08512

**Phone:** 609-619-3685  
**Fax:** 609-619-3686  
**Email:** sales@keyinternational.com  
**Web:** www.keyinternational.com