

## Prep/Master 3003GP Dust Collector



**Brand:** Substrate Technology, Inc.  
**Weight:** 435.00lb  
**Dimensions:** 30.00in x 26.00in x 59.00in

### Short Description

- Suitable for mid-sized to larger machines
- HEPA filter; OSHA-compliant
- 317 CFM (540 m<sup>3</sup>/h)
- Distribution box contains two 230V power outlets—32A & 62A — uses one power supply to run both the vac and a grinder or shot blaster

### Description

## Prep/Master 3003GP Dust Collector

The Prep/Master<sup>®</sup> 3003GP is an industrial-sized vacuum for collecting large amounts of fine and toxic silica dust. There are no impossible applications for the 3003GP—from the laboratory to the workshop, from mechanical engineering to the cement industry.

This model was developed in its first version, more than 15 years ago, to meet a wide range of requirements. It was recently completely redesigned in order to make it even more user-friendly and versatile, while improving its industrial capabilities.

*(Hose sold separately and cut to desired 25 ft. lengths at purchase.)*

### Features

- Uses the Longopac disposal system
- Distribution box contains two 230V power outlets—32A & 62A — uses one power

supply to run both the vac and a grinder or shot blaster!

- 317 CFM (540 m<sup>3</sup>/h)
- HEPA-filter, OSHA-compliant
- Continuous pneumatic cleaning
- Filter efficiency gauge
- Safe collection of fine toxic waste and dust

## **Compatible Equipment for the P/M 3003GP**

- Prep/Master 3030 & 3038LP grinding machines
- Prep/Master 4430 & 4438LP grinding machines
- IMPACTS S270E-75R Shot Blaster

## **Configuration**

### **Converting the Electrical Plug into 3-Phase or Single-Phase**

The Prep/Master 3003GP dust collector plug can be configured as a “3-phase” or “single-phase” machine based on your specific needs.

#### **1) 3-phase:**

Outlets located on either side of the distribution box are available for electrical power to a grinder or shot blaster. In order to run these machines, the vacuum’s electrical plug must be configured as a 3-phase.

#### **2) Single-phase:**

If you want to use the vacuum as a stand-alone machine, then a 220V single-phase configuration is an option.

A good example of this would be — using the vacuum alongside a propane grinding machine. Since the propane requires no outlet for power, the vacuum could simply be run from a 220V electrical outlet.

**For an explanation on how to configure your electrical plug to a single-phase, watch the following video:**

## **Videos**

### **How to Replace a Longopac Dust Bag**

# How to Use the Dust Collection System on a PM Grinder

## Specification

Item Numbers	
Item #	104002003
Dust Collector Specifications	
Power	4.5HP (3.5kW)
Power Supply	230V/60Hz, 3-phase
Cleaning	HEPA filter: 57000 cm <sup>2</sup>
Airflow	317 CFM (540 m <sup>3</sup> /h)
Dust Bin Capacity	Longopac
Dimensions	30 x 26 x 59 in. (77 x 66 x 150 cm)
Weight	435 lbs. (197 kg)
Vacuum Hose Connection	3 in. (76 mm)