

### Semco® 285-B battery powered mixer



#### Description

PPG SEMCO® 285-B is a battery-powered mixer intended for the mixing of sealants, adhesives, potting compounds, and other materials packaged in *Semco* cartridges or SEMKIT® packages. The unit is designed to offer the convenience of a lightweight, portable mixing solution without the hassle of an electric cord or air hose. The spindle assembly rotates the mixing rod at the proper speed while the operator strokes the cartridges vertically along the length of the mixing rod. The result is a more consistent, uniform mix from kit to kit and avoids the quality problems of operators attempting non-approved methods of mixing sealants.

The mixer weighs approximately 8 lb. It is equipped with a handle for ease of portability. The high torque motor is of heavy-duty construction to withstand the rigors of industrial use. Each unit comes with a 20 V lithium-ion battery, a charger base and cord. Charger cords are readily available with electric plugs to fit US, UK, EU or AU outlets.

#### Features

- Truly portable mixer that can be taken on the aircraft or in the field
- Improved portability, sized to easily carry or store away
- Ergonomic design – handle positioned for operator comfort
- Rugged & durable construction but lightweight (~8 lb)
- Mixes between charges: 20+ cartridges
- Charger and battery included
- No air hose or electric cord required

#### General instructions

Refer to manufacturer's Safety Data Sheet (SDS) for handling the *Semkit* before mixing.

#### Mixing instructions

1. WEAR SAFETY GLASSES AND GLOVES WHILE MIXING AND DISPENSING.
2. Prepare *Semkit* according to instructions accompanying the kit.
3. Verify the selector switch is at "off" position.
4. Using the spindle assembly, engage dasher rod holes with the drive pins.
5. Hold the cartridge firmly with your hand for steps 6 -11.
6. Set the timer according to the *Semkit* instructions.
7. Grip the side handle with your other hand and place selector switch to "on" position using your thumb.
8. Proceed to mix the cartridge by slowly moving it up and down along the length of the dasher rod. Each stroke should extend from the neck of the cartridge to the plunger end of the cartridge.



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- Mixing is completed when timer ends and mixer automatically stops.
- The dasher rod should be pushed into the cartridge and up against the plunger on the last stroke.
- Place selector switch to “off” position and remove dasher rod from the drive pins.

## Maintenance

- Wipe clean all contaminants with approved cleaning agent and dampened rag after each use of mixer.
- Make sure all bolts in the spindle assembly are tight.
- Replace all worn out parts as necessary.

**WARNING: Disconnect battery when equipment is not in use and before servicing.**

Part Number	Description
235490	Model #285- B Mixer Battery US
235497	Model #285- B Mixer Battery UK
235498	Model #285- B Mixer Battery EU
235499	Model #285- B Mixer Battery AU
235491	Battery Charger, 285-B Mixer
235492	Battery, Lithium Ion, 285-B Mixer
235493	Charger Cable – US
235496	Charger Cable – UK
235494	Charger Cable – EU
235495	Charger Cable – AU
233027	Spindle Assembly, Standard
233026	Rivet
233068	Spindle
221370	Timer Knob
221367	Suction Cup

For industrial use only. Keep away from children.

For emergency medical information call +1 (800) 228-5635.

For additional information or inquiries outside the United States, please visit our website:

[www.ppgaerospace.com](http://www.ppgaerospace.com)

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