

# technical data

## Semco Part Number 229340

The Model 285-A Portable Electric Mixer was designed to assist the mixing of Semkit<sup>®</sup> packages. The spindle assembly rotates the mixing rod while the operator strokes the cartridge vertically along the length of the mixing rod. This permits the dasher inside the cartridge to thoroughly mix the materials. The bell timer, maximum mixing time of 5 minutes, alerts the operator when the mix cycle is completed.

Use of the mixer reduces the operator fatigue on mixing of the filled Semkit<sup>®</sup>. The result is also a more consistent, uniform mix from kit to kit.

The mixer weighs less than 10 pounds. It is equipped with handle for ease of portability. The high torque motor is of heavy duty construction to withstand the rigors of industrial use.

Voltage rating:

110-115 VAC, 60 cycle and 1.5 amps.

### General instructions:

Refer to manufacturer's Material Safety Data Sheet for handling the Semkit<sup>®</sup> before mixing.

### Mixing instructions:

1. WEAR SAFETY GLASSES AND GLOVES WHILE MIXING AND DISPENSING.
2. Prepare Semkit<sup>®</sup> according to instructions accompanying the kit.
3. If mixer is equipped with two pin drive assembly, engage holes in dasher rod with drive pins. Place selector switch to "mix" position. Skip 4, 5 & 6.
4. Place the hollow end of dasher rod over the threaded spindle.
5. Place selector switch to "mix" position.
6. Grip the handle of dasher rod firmly until dasher rod is engaged into the threaded spindle.
7. Set bell timer according to kit instructions.

8. Hold the Semkit<sup>®</sup> cartridge without squeezing and proceed to mix 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.

9. Mixing is completed when bell timer signals. The dasher rod should be pushed into the cartridge and up against the plunger on the last stroke.

10. Place selector switch to "off" position and remove dasher rod from drive pins, if mixer is equipped with drive pins. If mixer is equipped with the threaded spindle, place selector switch to "reverse" position. Remove the dasher rod from the spindle. Then place selector switch to "off".

### Maintenance:

1. Wipe clean all contaminants with approved cleaning agent dampened rag after each use of mixer.
2. Replace all worn out parts as necessary.
3. Re-pack gear box of motor with TPG grease, or equivalent, when overhauling the motor.

**WARNING: disconnect power supply when equipment is not in use and before servicing.**

# MODEL 285-A PORTABLE ELECTRIC SEMKIT® MIXER

Part #	DESCRIPTION
229340	285-A Semkit® Mixer Complete
1	233027 Spindle Assy, Standard
2	Set Screw, 6 - 32 x 3/16"
3	233026 Rivet
4	233068 Spindle
5	Set Screw, 1/4 - 20 x 1/4"
6	229112 Cord Grip
7	221366 Cord
8	221358 Fuse
9	221359 Fuse Holder
10	Screw, 5/16 - 18 x 1/2"
11	Washer, 5/16
12	221370 Knob
13	221368 Timer
14	221357 Motor
15	221373 Handle
16	Screw, 8 - 32 x 1/2"
17	228315 Hex Wrench
18	221374 Wrench Holder
19	221316 Switch
20	Washer No. 8
21	Nut, 8 - 32
22	229398 Box
23	Screw, 10 - 32 x 3/8"
24	Screw, 8 - 32 x 1/2"
25	229098 Ring Tongue
26	Nut, 8 - 32
27	Washer No. 8
28	228971 Base Plate
29	221367 Suction Cup
30	231913 Drive Screw Assembly (Obselete)

