



TECHNICAL INFORMATION

FACII® Powder/Brush Delivery System U.S. Patent No. 8,248,543
Catalog Nos. FAC101, FAC102, FAC103, FAC106, FAC201, FAC202, FAC203,
FAC401, FAC402, FAC403, FAC404



INTRODUCTION

The revolutionary FACII® features a unique, patented, self-contained powder delivery system. The system supplies powder directly into the brush filaments making it an efficient processing procedure.

The FACII®'s housing is constructed of machine-knurled Delrin®, and it is properly balanced for user comfort. The flair of the FACII®'s cluster cloud fiberglass brush element may be adjusted by moving the unit's shroud up and down—for total control over both the size and firmness of the brush cluster. This shroud also protects the brush during periods of non-use when extended over the filaments and capped.

All of the FACII® components may be ordered, interchanged and cleaned separately—for even greater efficiency.

CAUTIONS

- Before using this product, consult the appropriate Safety Data Sheets (SDS) found on our website at www.sirchie.com/support.

PROCEDURE

NOTE: When using the brush for the first time, load the brush with powder by squeezing the reservoir and dust any surface to condition the brush before dusting for actual prints.

1. Slide the protective shroud down to the desired brush firmness.
Gently squeeze the powder reservoir until a faint powder cloud can be seen around the brush. Excessive squeezing will load too much powder in the brush head, limiting its efficiency.
2. Hold the brush down and shake off excess powder.
3. Place a test print on a surface similar to the actual surface to be dusted. Brush surface in light circular motions. Adjust brush for best results and proceed to dust for actual latent prints.
4. Once dusting is completed, shake off excess powder into a disposable container and recap. It is recommended the system be stored in a re-sealable plastic bag to prevent moisture contamination of the brush head and powder nozzle canal.



CARE AND MAINTENANCE

NOTE: Cleaning the fiberglass brush with solvents is not recommended as this may damage the filaments and render it ineffective.

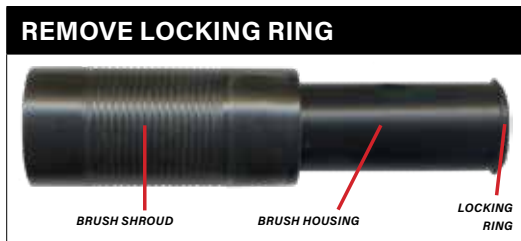
Curling and/or Matting of Fiberglass Filament: This can result from the extension and retraction of the shroud over time of repeated use. Simply snip these filaments away and gently comb out the brush with a large toothed comb. Snip any protruding filaments with scissors.

Clogged Brush: Moisture due to high humidity can cause a build up on the filaments as well as inside the powder nozzle canal rendering the brush unusable. It is recommended the system periodically be disassembled and the canal reamed with a small, stiff wire.

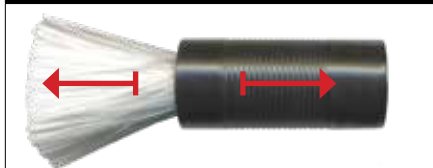
DISASSEMBLY INSTRUCTIONS:

The disassembly of the brush head system for cleaning and/or replacement of parts should be done over a piece of paper or paper towel to catch excess powder.

1. Detached the brush head assembly from the powder reservoir.
2. With the brush shroud closed, remove the brush housing locking ring.



REMOVE HOUSING FROM SHROUD



3. Push the brush housing forward, through the brush shroud and remove.
4. Using a flat head screwdriver with at least a 1/4" wide tip, unscrew the nozzle canal and remove it from the brush housing.
5. Grasp the brush head and unscrew it from the brush housing to detached. This completes the disassembly (see fully disassembled component diagram below).
6. Ream-out the nozzle canal with a small gauge wire (18-20 ga.) and wipe down all components with a dry paper towel or cloth.
7. Reverse the steps above to reassemble.

REMOVE POWDER NOZZLE CANAL



REMOVE BRUSH HEAD FROM HOUSING

