

Cleaning Instructions

Release 1.0

ECC-LiPunch



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Please be sure to contact our customer service department before making a return. We will not open or process shipments without a completed decontamination report or RMA.

1 Cleaning the ECC-LiPunch

After using the ECC-LiPunch, material residues may remain on the cutting unit, so that the tool must be cleaned.

For this purpose, we recommend disassembling the ECC-LiPunch in the glovebox and removing only the contaminated parts for cleaning. Please follow the steps below to do this.

1.1 Disassembly steps inside the glovebox



1. Unscrew the Cap Nut.



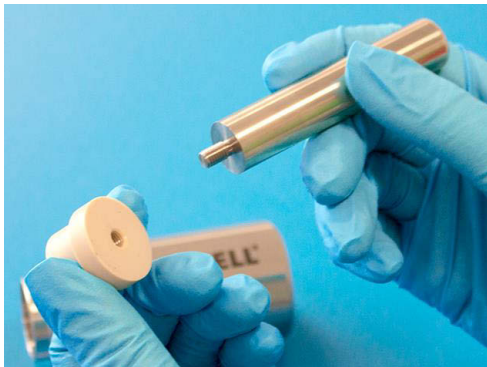
2. Remove the Hollow Punch.



3. Remove the Compression Spring.



4. Remove the Ejector pin.



5. Unscrew the Ejector Ram from the Ejector pin.



7. The ECC-LiPunch is now disassembled. Continue with the next chapter.

1.2 Remove the contaminated parts from the glove box for cleaning

Typically, contamination is limited to the ejector pin and cap nut. Remove the contaminated parts from the glove box and clean them properly, following with the required safety precautions.

1.3 Insertion and assembly

1. All parts must be dried in vacuum for at least 12 hours prior to transferring them to the glove box. PEEK parts like the Ejector Ram must be dried at 120° Celsius, all other parts at 80° Celsius.
2. Reassemble the ECC-LiPunch inside the glove box by following the aforementioned steps in reverse order.
3. The ECC-LiPunch is now ready for use again.