



## Technical Note: 10000047

### Crystal Replacement

**Caution: To reserve cleanliness and to maximize performance all work should be performed in a clean room environment.**

- Using your thumb and index fingers, gently squeeze the sides of the retainer at mid section then lift it up, away from the drawer, as shown in Figure 1.
- Holding the drawer by the handle and turn it up side down to remove the spent crystal.
- Install a new crystal in the drawer. Observe its orientation. The pattern electrode should be up as shown in Figure 2.
- Hold the retainer by its sides. Align its orientation notch with the drawer then gently and evenly push the retainer down until it snaps firmly into the drawer. See Figure 2. Never push down (or pull up) on the contact spring, doing so may permanently damage it.

Inspect the whole assembly. The retainer should lie evenly and engage the drawer at all of the four corners.

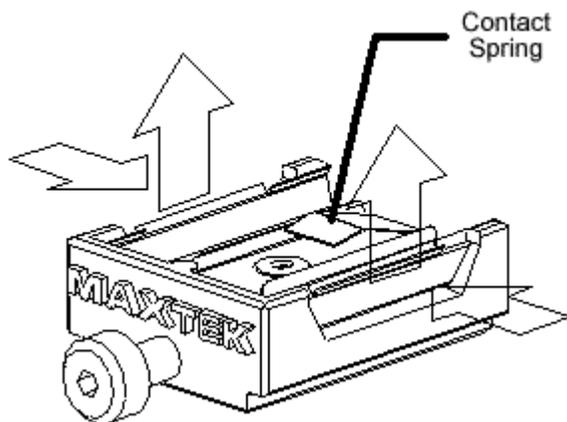


Figure 1 Removing the Retainer

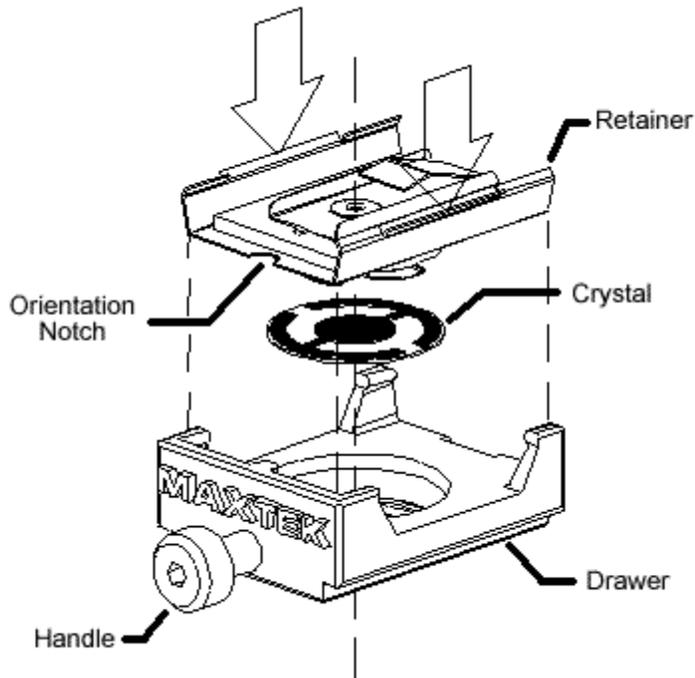


Figure 2 Installing the Retainer

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| Related Products: | <a href="#">ASF-140/ASF-141</a> , <a href="#">BDS-250/BDS-251</a> , <a href="#">BSH-150/BSH-151</a> , <a href="#">DSH5P1</a> , <a href="#">SF-120</a> , <a href="#">SH-101/SH-102</a> , <a href="#">Vacuum Crystals</a> |
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