

Phillip Technologies Best Crystal Practices

AT, RC, HT and SQ Quartz Crystals

Crystals are very sensitive devices.

Below are some best practices in using crystals for ensuring the best performance.



- DO NOT touch crystals with fingers. Fingers contain trace amounts of oil that transfer easily to the crystal surface and destroy vibrating quality.
- DO NOT use crystals that have fallen to the floor or touched an unclean surface. These crystals are contaminated by dust and debris and will no longer function properly.
- DO use tweezers at the edges of a crystal for handling, moving or placing.
- DO use nitrogen or dry air to blow off the crystal surface prior to using.
- DO ensure your crystal has the proper electrode material for your process. We recommend GOLD for low stress metals and ALLOY for high stress metals and dielectrics.

STANDARD

crystals are the industry base model and are appropriate for use in non-critical applications.

PREMIUM

crystals are better for high-accuracy and high-precision applications such as OLED

RC

crystals are uniquely devised and patented for extremely high accuracy and ultra-critical applications. We recommend RC for OLED and optical coatings.

Thank you for your order of Phillip Technologies Crystals. As always, we strive to provide you with the very best products and customer service so if at any time you have questions or concerns please contact us at Sales@PhillipTech.com. We appreciate your continued patronage and suggestions as they are a vital part in the growth of our company.