



Cleaning AMTIR, Ge, KRS-5, Si, & ZnSe Crystals

KRS-5 is a relatively soft material, slightly soluble in water and solvents containing water. It is recommended that pure, dry acetone is used to clean KRS-5 with a soft, lint-free cloth. The crystal should then be dried in a current of warm air to prevent condensation forming on the crystal. Petroleum ether and hexane can also be used to clean KRS-5.

AMTIR, Ge, Si, and ZnSe can be cleaned using the same solvents as KRS-5. They can also be cleaned using methanol and some commercial laboratory detergents. If such detergents are used they must be pH neutral. Alkaline solutions will etch the surface of the crystal slightly and acids will attack the crystal severely. After cleaning a final rinse in distilled water and subsequent drying in a warm air current is recommended.

Specac Limited

River House, 97 Cray Avenue, Orpington, Kent, BR5 4HE.

Tel: + 44 (0) 1689 873134 Fax: + 44 (0) 1689 878527

E-mail: sales@specac.co.uk

www.specac.com