

CHEMICAL COMPATIBILITY AND CLEANING OF THE SE413 PROBE HOLDER

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Chemical compatibility chart

This chart is a general guide to the compatibility of the SE413 probe holder and the chemicals with which the holder may come into direct contact.

The chart refers to dissolved acids, caustics, and salts. Materials may react differently to pure substances (for example, glacial acetic acid).

Explanation for symbols

- +++ = No noticeable effect.
- ++ = Minor effect or a slight change in appearance or properties. Test before exposure.
- + = No noticeable effect at low concentration and room temperature. Moderate to severe effect at high concentration and/or high temperature. Test before exposure.
- = Severe effect or degradation; exposure not recommended.

Compatibility chart

ACIDS		CAUSTICS	GASES													OXIDANTS	SALTS	SOLVENTS																		
-	Acetic	Ammonium Hydroxide	Air	Ammonia	Argon	Carbon Dioxide	Carbon Monoxide	Chlorine	Fluorine	Helium	Hydrogen	Hydrogen Sulfide	Methane	Nitrogen	Nitrous Oxide	Ozone	Propane	Hydrogen Peroxide	Sodium Hypochlorite	Ammonium Nitrate	Ammonium Persulfate	Sodium Carbonate	Acetone	Carbon Tetrachloride	DI Water	Ethyl Alcohol	Ethylene Glycol	Glycerine	Isopropyl Alcohol	Kerosene	Methyl Alcohol	Methyl Ethyl Ketone	Toluene	Trichloroethane		
-	Aqua Regia	Potassium Hydroxide	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
++	Chromic	Sodium Hydroxide	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
-	Hydrochloric																																			
++	Hydrofluoric																																			
+++	Nitric																																			
-	Phosphoric																																			
-	Sulfuric																																			

Cleaning

For routine cleaning, use warm water, ethyl alcohol, soap, detergent, or an aqueous ammonia solution. Clean with a soaked sponge cloth, soft cloth, or paper towel.

For fingerprints, or greases, use ethyl alcohol, any good commercial detergent, or a caustic cleanser. Clean with a soaked sponge cloth, soft cloth, or paper towel.

