

Protective Options For the 1000 Series, 950, 900x, and 900 Operator Interfaces

Protective Option Summary

The KCVR option

The protective keyboard cover consists of a thin protective keyboard cover and a stainless steel bezel. If you are purchasing the protective option for the first time, you need to order this option, or the HCVR option, first. The protective cover offers additional protection against chemicals. A chemical resistance sheet for the keyboard cover and the paint follows this page.

The RCVR option

This consists of just the protective keyboard cover. This is used as a replacement cover for units that already have the KCVR or HCVR option installed.

The HCVR option

This option consists of the protective keyboard cover, a stainless steel bezel, and a powder coating on the front casting. The powder coating creates a more scratch-resistant and chemical resistant coating for the front casting.

Chemical Resistance: Standard Paint

The paint used on the standard unit is Sherwin Williams Polyurethane enamel Polane 2.8T Plus. The chemical resistance to the following chemicals as determined by a half-hour spot test and a one hour recovery is outlined below.

Isopropanol.....	Excellent
10% NaOH.....	Excellent
Ethyl Acetate.....	Excellent
Ammonia.....	Excellent
Drano.....	Excellent
Ivory Liquid.....	Excellent
Clorox Formula 409.....	Excellent
MEK.....	Excellent
Toluene.....	Excellent
10% HCl.....	Excellent
1,1,1-Trichloroethane.....	Excellent

Chemical Resistance: Screen Plate

The screen of the EASON unit is protected by a sheet of Cyrolon Polycarbonate. This durable material is resistant to many chemicals. The chemical resistance is divided in to three classifications. A Resistant rating means that the sheet withstood the substance for long periods and at temperatures up to 120° F (49° C). A rating of Limited Resistance indicates that the sheet will resist the substance for short periods of time at room temperatures. The resistance for a particular application must be determined. The Not Resistant Rating means that the sheet will either swell, dissolve, or be attacked and damaged in some other manner. This table is for general guidelines only. Actual resistance can be reduced due to fabrication, exposure, or method of chemical application.

Isopropanol.....	Limited Resistance
10% NaOH.....	Not Resistant
Ethyl Acetate.....	Not Resistant
Ammonia.....	Not Resistant
Drano.....	No Data
Ivory Liquid.....	Resistant
Clorox Formula 409.....	No Data
MEK.....	No Data
Toluene.....	Not Resistant
10% HCl.....	Resistant
1,1,1-Trichloroethane.....	No Data
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