

ASI Reference Junctions

ASI...MEASURING YOUR SUCCESS!

POLARIS-T

Polaris-T is the new pourour Teflon junction recently developed by ASI to combat the harsh applications and clean water applications. With a slow flow of ions across this large junction, a use will be able to work in high flow conditions.

POLARIS-P

Polaris-P is a thin fiber junction that allows ions to flow consistantly in general applications. The 'P' junction is used on most standard ASI electrodes in a laboratory design.

POLARIS

Polaris is a high porosity polymer material which when used as an electrode reference junction, provides a superior amount of surface area that will not plug or clog quickly from process particulates.

The high porosity of the Polaris junction allows ion diffusion to be very consistent in processes containing high particle concentrations. The honeycomb configuration of this material combined with a tortuous path throughout Polaris allows for normal migration of ions but not process contaminates.

The Polaris junction, when incorporated in industrial sensors, allows the user to measure their toughest applications. Processes with hydrocarbons or organics become less challenging and these electrodes last longer, requiring less maintenance and replacement cost!