

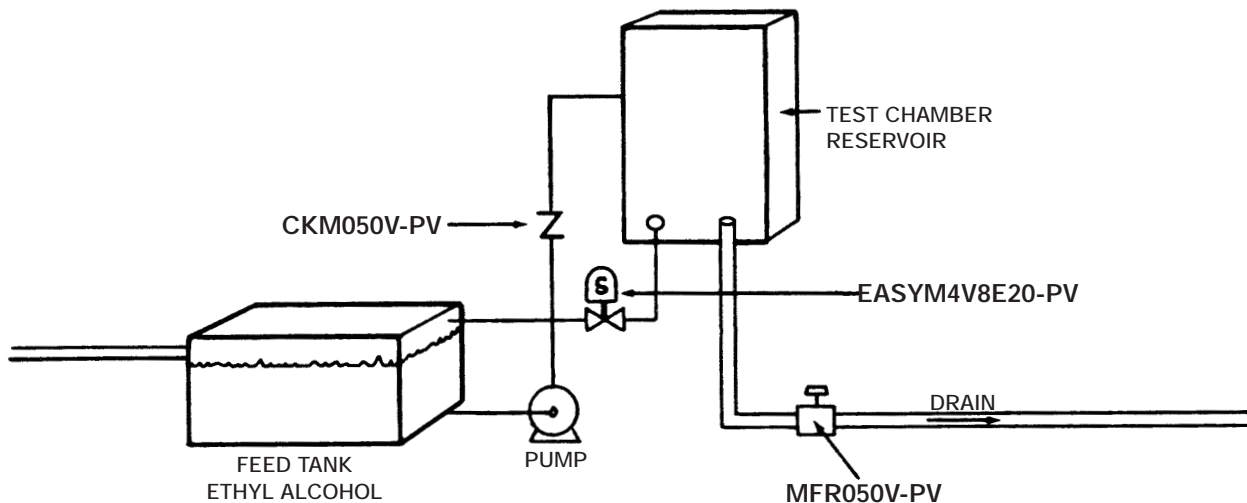
**MARKET** Printed Circuit Boards (PC) Test Equipment

**PRODUCT(S)** Series EASYM4V8E20-PV Solenoid Valves, Series CKM050V-PV Diaphragm Check Valves and Series MFR050V-PV Foot-Operated Shut-Off Valve

**REQUIREMENT** To provide chemically resistant, non-contaminating and reliable valving in a potentially explosive area.

**PROCESS FLUID(S)** Ethyl Alcohol - Pure

**INLET PRESSURE/TEMPERATURE** Gravity / Ambient



The above automated machine checks for faulty solder welds on finished printed circuit (PC) boards prior to installation. The PC boards are placed within the test chamber reservoir, then sealed. The ethyl alcohol is then feed into the chamber from the feed tank to a pre-determined level. Following the circuit weld testing the purity of the ethyl

alcohol is tested. If still determined pure, the solenoid valve is opened returning the ethyl alcohol to the feed tank. If it is not pure the operator opens the Series MFR valve and the ethyl alcohol flows to the treatment area. Due to the nature of ethyl alcohol all components on the equipment must be explosion-proof.