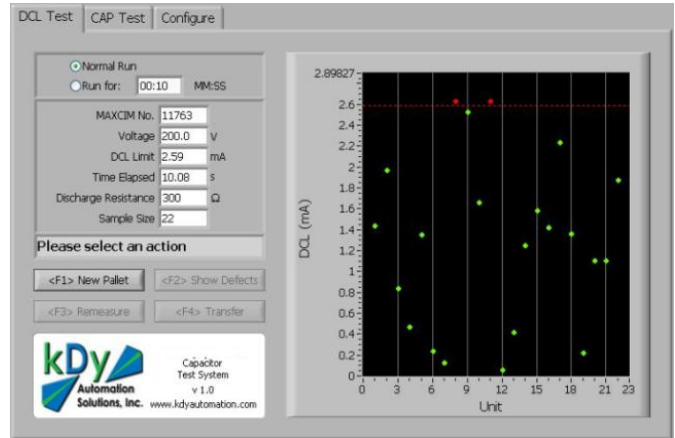


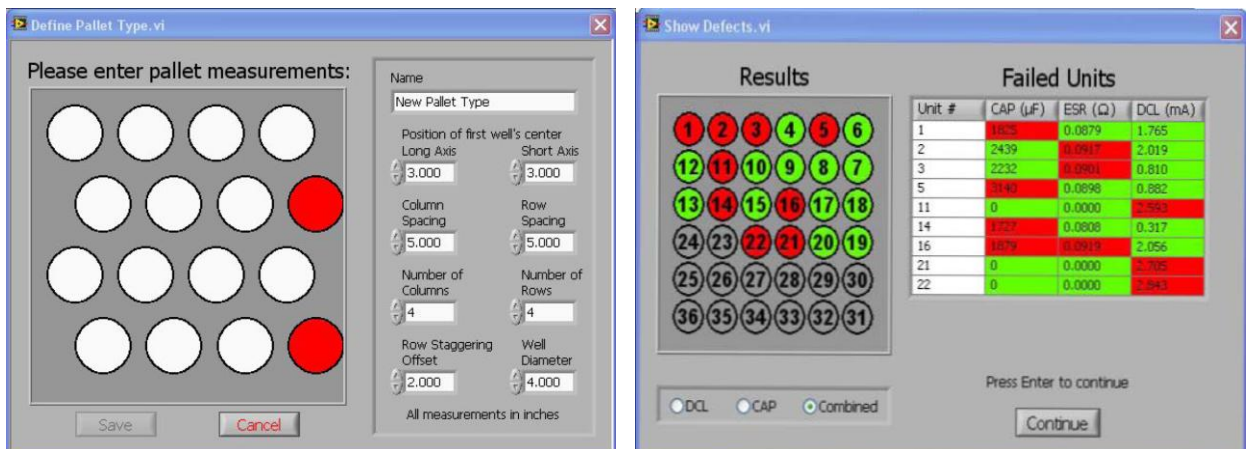
Capacitor Quality Test System

- Automated test of high voltage leakage, capacitance and ESR
- Robust PC-based system permits simultaneous testing of two independent lots
- National Instruments motion controller and GPIB interface employed to enable updated testing on legacy equipment
- Rugged PC with redundant hard drives allows years of uninterrupted production test



Overview

A global manufacturer of high performance electrolytic capacitors asked KDY to develop a system to replace an aging tester. The KDY provided solutions made use of the customer's existing fixtures, motors and test instruments, greatly reducing cost and lost production time.



Intelligent Software

The software development by kDy is LabView allows the customer to perform leakage and capacitance tests simultaneously, a capability not present on the previous system. This nearly double production throughput and maximizes return on investment.

Optimized for Long Life

Our customer expects their capital investments to live for many years. To maximize the useful life of the system KDY used the latest generation multi-core processor PC with RAID configured multiple hard-drives, and industrial-grade motion control hardware.