



Who Are You? Authentication & Limit Use

eGene, Inc.

Based in Irvine, California, eGene has designed a reliable genetic analysis system based on the micro-channel concept of capillary electrophoresis. eGene's systems provide automated, affordable, rapid, and accurate quantitative performance for the genetic analysis market.



Limit Use

eGene, Inc.'s automated and integrated HDA-GT12™ system includes the high-performance HDA-GT12™ Genetic Analyzer, the Gel Cartridge kits and the BioCalculator™ software. This system is easy-to-use and controls scheduling, integration and data management of biological test results. As part of the system, eGene needed a way to reliably control the number of times the disposable Gel Cartridge kits were used and also to transfer critical system parameters. eGene determined that a programmable data carrier was the best solution, and that the data carrier had to be:

- Rugged and reliable enough to stand up to laboratory conditions
- Part of a fully-engineered system to reduce R&D costs and time-to-market
- Available and supported long-term to avoid expensive re-design and implementation costs

The Solution is KEY

With the above goals in mind, eGene chose to implement the Datakey Electronics SST16Kb Token. The SST Token is rugged, economical and is both Autoclave & EtO sterilization-resistant. Called the "Smart Key" by eGene, the SST Token is



programmed with system information including the ability to monitor the number of times each cartridge is used. After the cartridge reaches its limit, the Token notifies the system that the cartridge is no longer valid. This system is part of what allows the fully automated HDA-GT12™ system to provide sample loading, electrophoresis and data analysis in one single step with near 100% consistent accuracy.

Fully Engineered

The SST Token inserts into a high-cycle life (50,000 insertions/removals minimum) mating Receptacle. Datakey Electronics' SR4210PCB Receptacle was small enough to design into eGene's device. It offers a detent mechanism that gives the user tactile confirmation when an inserted Token is physically engaged, as well as a LOFO contact that may be used to protect the host bus by ensuring that the Token has made secure contact with the Receptacle before any signals are transmitted.

Over, please...

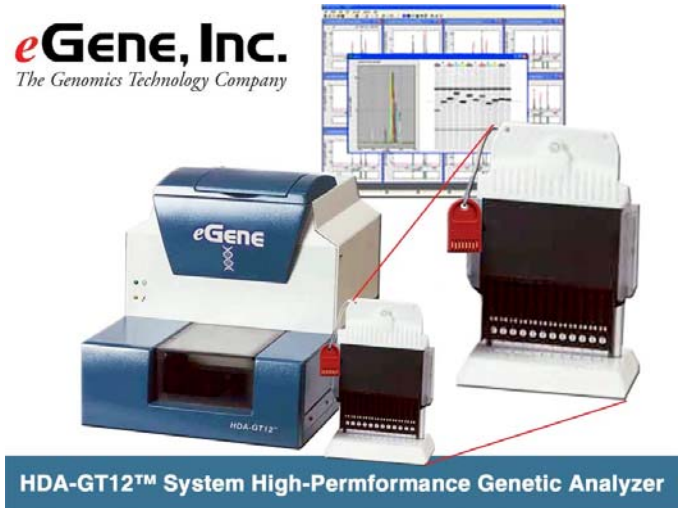




eGene, cont.

They Chose Datakey Electronics

The combination of Datakey Electronics' extremely robust Token package, affordable cost, and other OEM critical benefits make it a perfect fit to solve the needs of eGene's disposable cartridge application. By implementing SST Tokens, eGene saved money, reduced time-to-market and gained a competitive advantage. Their customers can be confident that only viable Gel Cartridges are being used to test samples, assuring reliable results.



www.datakey.com ■ 800-328-8828 ■ 952-746-4066

