High-Performance UV EPROM/Wafer Erasing System Features Extra-Large Load Capacity

Westbury, New York — The Spectroline® PC-8820C-LT UV EPROM/Wafer Erasing System is a high-performance, extra-large capacity unit. It produces a nominal short-wave UV (254 nm) intensity of 70,000 µW/cm², which ensures fast, reliable and complete erasure of programmed memory from every EPROM, chip or wafer — in as little as 90 seconds. Its extra-large load capacity can accommodate 15 – 6 inch (150 mm) wafers.

The PC-8820C-LT utilizes eight ozone-free, low-pressure, mercury vapor quartz grid lamp assemblies. Mounted on specular aluminum reflectors, these ultra-high intensity UV grid lamps produce up to four times the throughput of competitive systems. The cabinet is constructed of rugged, anodized aluminum and stainless steel. It contains a removable tray insert that readily adjusts to different heights, ensuring optimum UV exposure.

The PC-8820C-LT system features a light tower with red/yellow/green signals that indicate the mode status at every stage of operation. A rocker switch “Start” button allows fast and easy user control of the grid lamps, alarm and drawer “lock/unlock” modes. A cycle sounding alarm alerts the operator when each normal erasing cycle is complete and a lamp fault alarm sounds if one or more grid lamps fail. The control panel cover and internal security latch provide additional securities for the system.


Enclosed: Photo