

Technology Focus

EMERGING TECHNOLOGY GROUP

Application, Process and Technology Development

-
- High Density Printed Circuit Board Processing: Military, Medical, Next Generation Communications and Automotive
-
- PV Solar / Flexible Solar Cell Panel: PCB Panel Substrate for PV Solar Tiling Packaging, Thin Film Patterning, Etching
-
- Radio Frequency Identification Tags (RFID): Pad Drilling and Thin Film Patterning
-
- Touch Screen and Display: Thin Film Patterning, ITO, Glass Panel, Polyester Panel
-
- Critical Medical Device and Diagnostics: Thin Films (Patterning), Critical Drug Delivery (Drilling) and Micro fluidicsHigh Volume Production System Solutions
-
- Automated Panel Format Systems: Printed Circuit Board Drilling, Automated Board Handling, Micro Hole Drilling, Modular Station Systems For Scalable Growth In New Markets
-
- Large Panel Format Systems: Large Printed Circuit Boards, Glass Panel and Wide Format Web (Drilling, Thin Film Patterning)
-
- Roll to Roll Format Systems: Flex Circuits, Medical Diagnostic Disposable Devices, RFID
- Process Technology:

LASERS

- UV Lasers (DPSS & Excimer 193 nm, 248nm, 266nm, 308 nm and 355 nm)
- IR & Visible Lasers (Far IR CO2 9.6 & 10.6 μ m, DPSS 532nm & 1064nm, Fiber Lasers (1070nm & 1080 nm), Femto Second Lasers)

MECHANICAL

- Mechanical Drilling (Down to $<\text{Ø}75 \mu\text{m}$)
- Mechanical Routing (Through Slots and Blind Milling of Precision Depth Pockets)
- High Aspect Ratio Drilling (Front to Back Alignment)