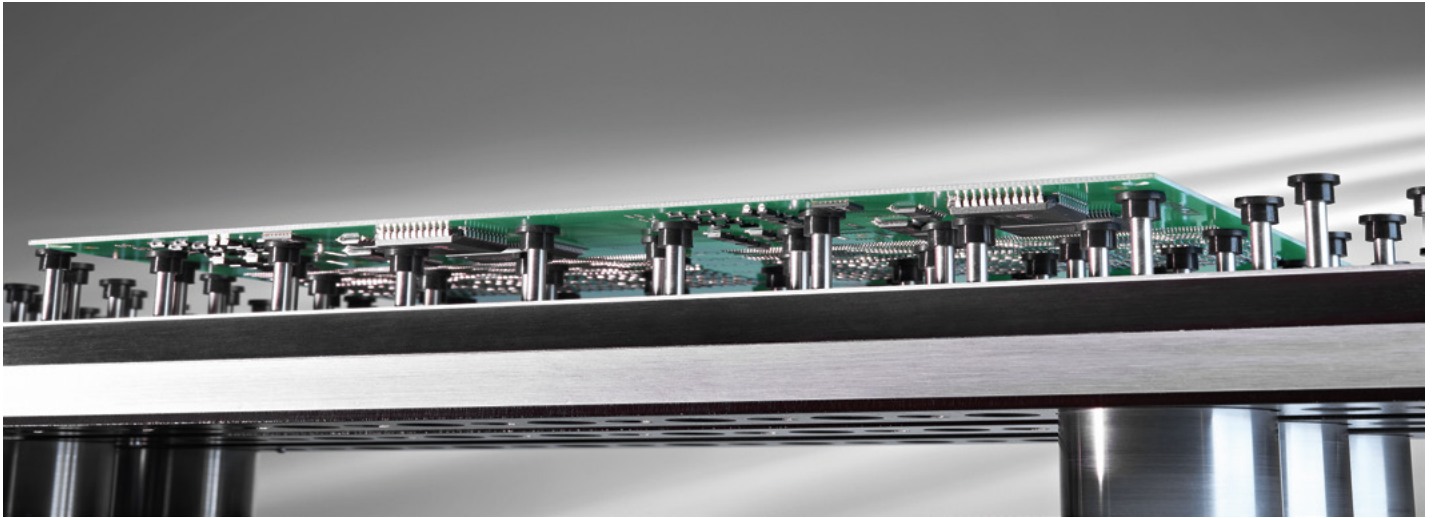


DEK Grid-Lok™ premium automatic substrate PCB support for SMT processes

Unique, patented automatic pin array technology facilitates fast product changeover and unmatched substrate support.



Recognizing the need for a flexible alternative to dedicated and more costly substrate support, ASMPT developed the multi-award winning, patented DEK Grid-Lok™ system which remains the industry's premier automatic tooling solution.

Designed to accommodate assemblies of all types – from basic SMT to high-density, highly miniaturized products – DEK Grid-Lok™ is the best total process substrate support technology on the market.

Key benefits:

- High versatility
- Unparalleled flexibility
- Minimal operator intervention
- Reduced or zero changeover time
- No risk of component damage

System requirements:

- Air pressure: 80-102 PSI (0.55-0.7 Mpa)
- Air quality: 2.3.3 where 2 (dirt) = 1 micron, 3 (water) = -20° C pressure dew point and 3 (oil) = 1 mg/m³
- 120-240 AC supply to provide 24 VDC to power control box

System components:

- Control box to provide module(s) – machine interface
- Hand controller to set operating mode
- Up to 6 DEK Grid-Lok™ modules
- Field installation kit
- Manifold used to support up to 6 modules
- Machine-specific fitting tools
- Machine-specific interface (sensor or pneumatic input to start the pin raise and clamp cycle)
- All interconnecting hardware

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