Current Testing Methods for Printed Circuit Boards

Manual Checking:
- Labor Intensive
- Inefficient
- Potential for human error
- Probe testing: Limited access

Automatic Testing Equipment (ATE):
- Unique programming for each circuit board:
  - Time consuming/laborious
- Probe testing: Limited access

Novelties of Diagnostic Tool for PCB Testing
- Uses high frequency signal added with specified noise signal for PCB testing
- Compares difference between output pattern of testing board and output pattern of golden unit
- Neither ATE design nor manual checking is involved using this approach

Advantages:
- Decrease in man hours
- Reliability
- Ease-of-use
- Fast – no need to program
- Cost reduction
- Suitable for both large scale manufacture and small scale testing

For More Information, Click to View YouTube Pitch