

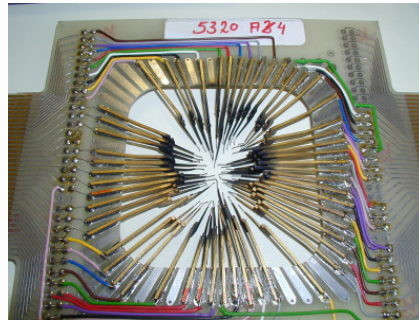
CASE STUDY



Cleaning printed circuit boards

Machine: LS-950

Industrial sector: Automobile / 162



Industry:	Printed circuit boards (PCB's) for the automobile industry
Cleaning problem:	Water-based spray cleaning system
Soiling:	Soldering paste, fluxing agent, smoke residue from laser processes
Solution:	Spray cleaning, rinsing and warm air drying Phase 1: Water-based spray cleaning, warm Phase 2: Rinsing, cold tap water Phase 3: Rinsing with DI water Phase 4: Warm air drying
Capacity:	60 - 120 min./cleaning cycle
Requested quality:	Application in clean room, free of residues and stains
Return on investment:	The automatic process and improvement in quality enable a high return on investment.
Characteristics of the application:	Equipment used under clean room conditions, minimal consumption of detergent