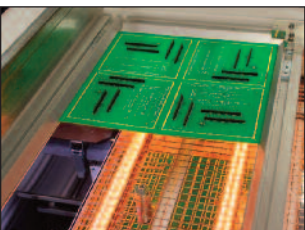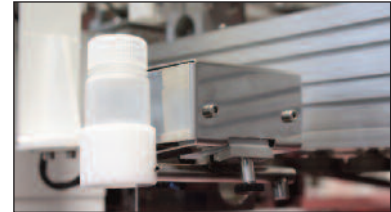# SYNCHRODEX PRO

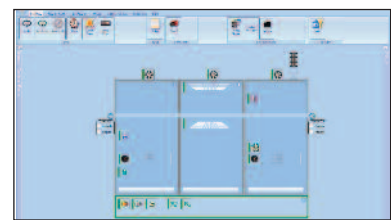Enhanced flexible, in-line, modular selective
soldering system
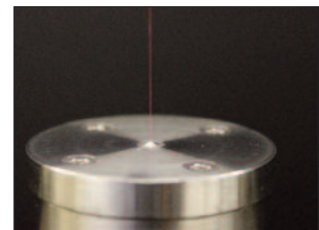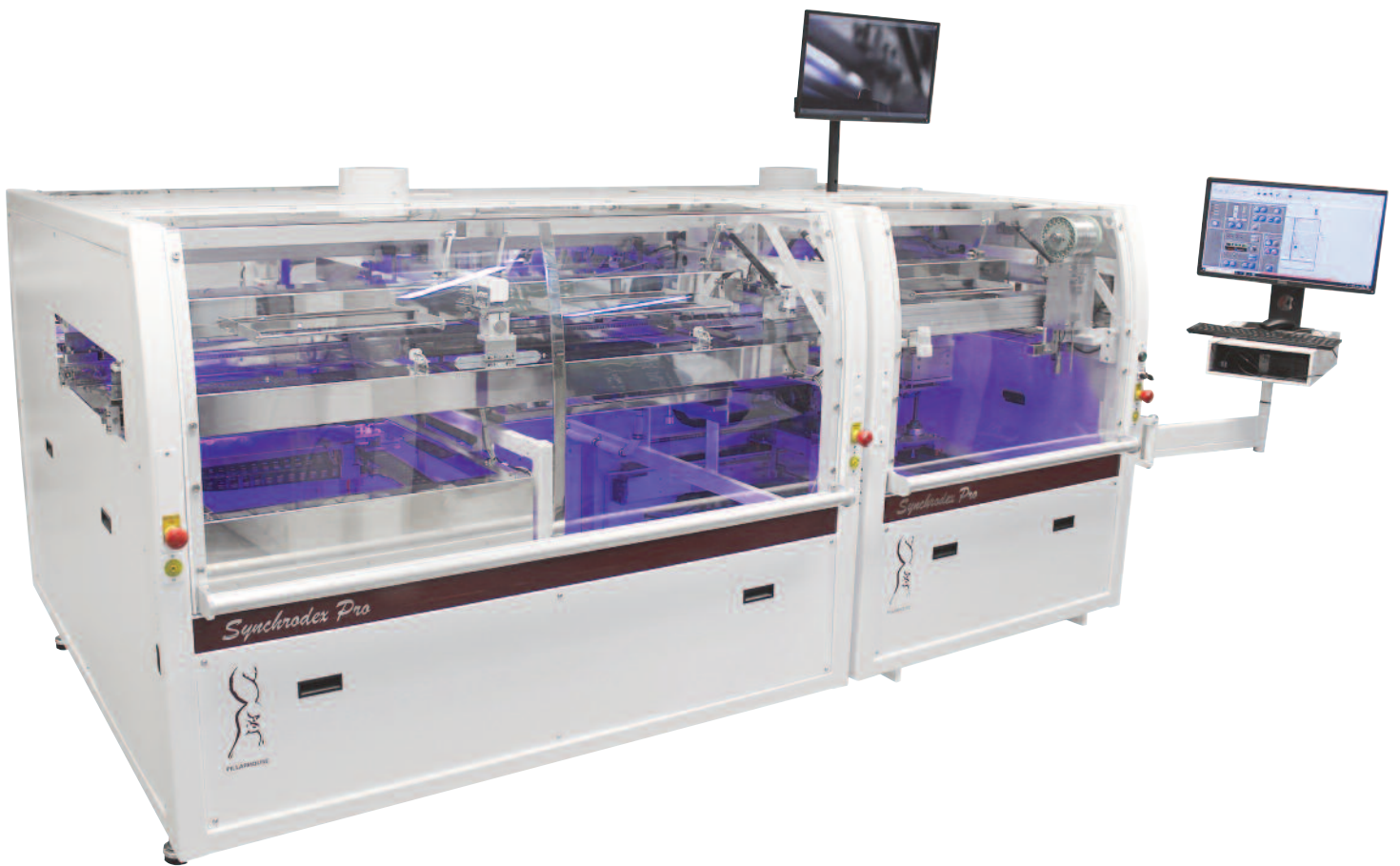
Pillarhouse
INTERNATIONAL

SYNCHRODEX PRO

AUTOMATIC NOZZLE
CONDITIONING

NEW PILLARCOMM
CONTROL SOFTWARE

STANDARD FEATURES

508mm x 508mm (20" x 20") and 610mm x 610mm (24" x 24") board handling sizes
Interchangeable Mechanical or Magnetic solder bath and pump
Lead-free solder capability
Inerted Nitrogen system
Set of AP style solder nozzle tips
Automatic nozzle conditioning system
Thermal nozzle calibration
Solder level detect and motorised wire feeder
Wave height correction
DC drives on all axes
Colour programming camera
Automatic fiducial correction
Drop Jet fluxer
Internal fume extraction
Integral PC and monitor
New PillarCOMM control software
Multiple level password protection
IPC-2591 (CFX), Smart Factory ready

MONITORING OPTIONS

Flux spray, flow and spray & flow
Pump rpm
O_2 ppm
Nitrogen flow

SYSTEM OPTIONS

High definition process viewing camera
Top side IR preheat, with closed-loop control
Motorised underside IR preheat, at all cell positions
Ultrasonic fluxing
Dual Drop-Jet / Ultrasonic fluxing
Laser-based PCB warp correction
Micro nozzle assembly
Solder reel identification
Nitrogen generator