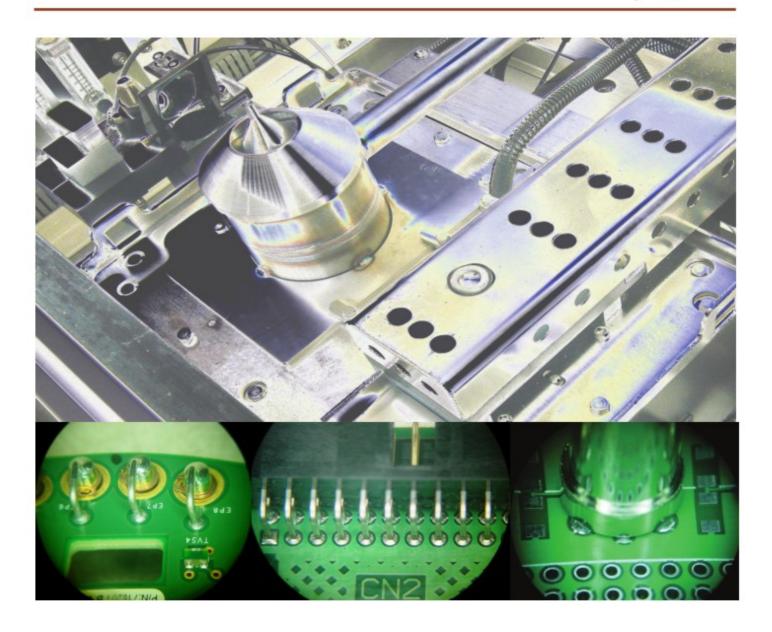


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Vector 300

Selective Soldering System

www.epakelectronics.com

Designed for high mix, high value, and low to mid volume PCB production, the Vector 300 selective machine can be programmed in minutes to handle basic to complex dip, drag, wire bond, and other through-hole soldering processes. The Vector 300 features best-in-class servo motion control for speed, accuracy, and repeatability. The closed loop temperature control of N2 allows for superior thermal performance. Miniwave nozzles allow for wave stability and defect free performance

Vector 300

Operation Selective Soldering System

X/Y/Z Control Standard

Interpolated Motion Simultaneous X, Y, and Z Process Range 12 x 12" | 300 x 300mm

Programmability Unlimited program storage capacity

Min/Max PCB Size 1 x 3" to 14 x 18"

Computer and Monitor Included | Windows 7/10

Solder Process Control

Load Method Manual | Universal PCB Holder Standard (SMEMA Option)

Approach 360° | Unlimited Access to All Solder Points

Nozzle Material Wetted Chromium Alloy

STD Nozzle Sizes (ID) 1.5, 2, 2.5, 3, 4, 5, 8, 10, 20 mm & Custom

Keep Away 1.5 mm Standard | 0.5 mm Capable Max Wave Height 6 mm Standing Wave Height

Component Max Height 3" | Top & Bottom of PCB

Flux Process Control

Flux Capacity 1 Liter Pressurized Drop Jet Flux STD, No Clean Process Spray Flux STD, Water Soluble Process

Dual Chemistry Option

Solder Pot Management

Solder Pot Capacity 30 lbs | 13.5 kgs

Temp Control PID proportioning (0-400°C) ± 2°C

Dross Production 1.5 Ounces per 8 Hours Maintenance Cylcle 80 Hour Pump Clean

Nitrogen Management

N2 Intertion Hentec PROHeat™

N2 Temp Control 0-500 °C Closed Loop Set Point

Consumption 30-40 SCFH Recommended Purity <10 PPM O2H













