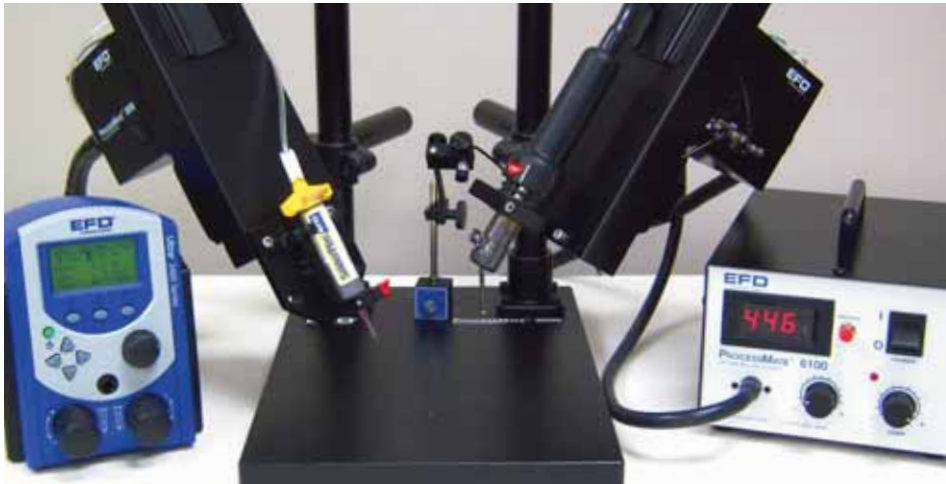


ProcessMate™ 3000 Linear Axis Work Station

SolderPlus
PrintPlus
FluxPlus

EFD[®]
A NORDSON COMPANY



EFD presents the new ProcessMate™ 3000 Linear Axis Work Station (LAW).

This benchtop soldering station accurately dispenses the right amount of SolderPlus® solder paste with mechanical precision then reflows the deposit using a preset time for repeatable results. The soldering station eliminates operator variability, reduces rework and scrap, increases productivity and improves production yields without special training requirements.

The ProcessMate 3000 is a precision positioning system used to control solder paste dispensing and reflow. An integrated work station consists of dispensing and heating systems attached to timed, linear slides with adjustable dispensing angles, height, and stroke - mimicking an assembly robot's precision and process stability without the cost. Multiple configurations can be assembled to suit individual application requirements including many EFD products such as air-dispensing systems, auger valves, valve controllers and more. This hands-free system is also compatible with automation integration.

Common Manufacturing Problems

- Lengthy operator training requirements
- Manual solder application inconsistency
- Manual heating variability
- Difficulty with manual part alignment and soldering at same time

Key Benefits

Compact

- Fits into the same space as a typical hand soldering or dispensing station.

Easy to Set-Up

- Can be aligned to dispense and heat from virtually any angle. No special tools, programming or technical tools are required.

Easy to Use

- Leaves the operator's hands free to position parts. Activation is achieved with a foot pedal or other switch input.

Cost Effective

- Costs just a fraction as much as an overqualified robot or having a similar system custom designed and built.

Precise Process Control

- Eliminates operator variability in dispensing and heating operations while maintaining the flexibility of a semi-automatic work station.

Specifications

- Average Footprint:** 61 x 46 x 76 cm
(24" W x 18" H x 30" D)
- System Weight:** 20.2 kg (44.5 lbs) (including base plate, dispense and reflow axes)
- Input Voltage:** 100/120/220 VAC
- Input Frequency:** 50/60 Hz
- Input Power:** 14/12VA
- Internal Voltage:** 24VDC
- Air Input:** 20 to 60 psi (1.4 to 4.1 bar)
- Stroke:** 100 mm (4") maximum
- Maximum Load:** 10 kg (22 lbs)

CE approved and RoHS compliant

RoHS标准相关声明 (China RoHS Hazardous Material Declaration)

产品名称 Part Name	有害物质及元素 Toxic or Hazardous Substances and Elements					
	铅 Lead (Pb)	汞 Mercury (Hg)	镉 Cadmium (Cd)	六价铬 Hexavalent Chromium (Cr6)	多溴联苯 Polybrominated Biphenyls (PBB)	多溴联苯醚 Polybrominated Diphenyl Ethers (PBDE)
金属转接头 All Brass Fittings	X	0	0	0	0	0
<p>0: 表示该产品所含有的危险成分或有有害物质含量依照EIP-A, EIP-B, EIP-C的标准低于SJ/T11363-2006 限定要求。 Indicates that this toxic or hazardous substance contained in all the homogeneous materials for this part, according to EIP-A, EIP-B, EIP-C is below the limit requirement in SJ/T11363-2006.</p> <p>X: 表示该产品所含有的危险成分或有有害物质含量依照EIP-A, EIP-B, EIP-C的标准高于SJ/T11363-2006 限定要求。 Indicates that this toxic or hazardous substance contained in all the homogeneous materials for this part, according to EIP-A, EIP-B, EIP-C is above the limit requirement in SJ/T11363-2006.</p>						

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