

Assembly Solutions

DESKTOP ROBOT... with Automatic Contact or Spirflame® Soldering



Fancort's

Point & line soldering systems
with Janome desktop robot features:

- ◆ Labor Savings
- ◆ Versatile & Reliable
- ◆ Synchronous Soldering & Feeding

Robot & Soldering Features

Two optional methods of soldering:

1. **Spirflame® microflame soldering** with self-generated gas made from hydrogen and oxygen using only distilled water. Temperature of 3300°C controlled to +/- 1° with precise, rapid concentration and minimal heat conduction to nearby parts.
2. **Contact soldering** with temperature controller to 600°C
 - ◆ Up to 80 soldering conditions for point and 60 for line soldering
 - ◆ Automatic solder feeder with wire diameter to .063"
 - ◆ Variable speed motor, 24 VDC, 3.2W
 - ◆ Fixtures can be designed and built by Fancort
 - ◆ Desktop systems or SCARA for inline production systems
 - ◆ Optional Exhaust System



Model Number		JR-2200 Series	JR-2300 Series	JR-2400 Series	JR-2500 Series
Range of Operation	X axis	*200 mm	300 mm	400 mm	510 mm
	Y axis	*200 mm	320 mm	400 mm	510 mm
	Z axis	50 mm	100 mm	150 mm	150 mm
Repeatability Accuracy	X, Y axis	±0.01 mm	±0.01 mm	±0.01 mm	±0.01 mm
	Z axis	±0.01 mm	±0.01 mm	±0.01 mm	±0.01 mm
	R axis	± 0.02°	± 0.02°	± 0.02°	± 0.02°
Teaching Method		Remote Pendant	Remote Pendant	Remote Pendant	Remote Pendant
Dimensions	Width	320 mm	560 mm	584 mm	584 mm
	Depth	377 mm	529 mm	629 mm	629 mm
	Height	655 mm	799 mm	849 mm	849 mm



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