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UNIX CONTACT SOLDERING "FAB" SHEET

Features	Advantages	Benefits
1. Soldering head can do point-to-point and line soldering	1.1 No need to purchase two different soldering heads	1.1 Save money and save time with simple changeover
2. Solid core solder tips retain heat from point to point	2.1 Faster cycle time	2.1 Lower costs of operation per assembly
3. Scale and tooling pins to accurately realign solder head and feeder	3.1 Changeover from line soldering to point to point is easy and accurate	3.1 Save time in setups and eliminate costly errors
4. Program up to 63 soldering conditions; way more than the competition	4.1 Reduces the need to create separate programs for different conditions on one assembly	4.1 Increased throughput
5. Standard 200W heater with built-in thermocouple; optional 300W	5.1 Heats up and recovers faster than 100W heaters	5.1 More throughput
6. Unit section of heater block easily removed to speed up tip and heater replacement times	6.1 Save time	6.1 Save money
7. Graduated angle setter is standard	7.1 Solder feed position is perfectly reproduced each time you return to a setup	7.1 Saves time; improves consistency
8. Easy to program soldering profiles on teach pendant	8.1 Only one device needed for all programming	8.1 Simplicity!
9. Several alarms standard including out of solder, solder jamming and heater alarm	9.1 Prevents mistakes and saves time	9.1 Save money in reduced rework
10. Three axis tip position correction mechanism	10.1 Automatically corrects misalignment after replacing tip	10.1 Save money in eliminating missed solder joints
11. Solder wire pre-heater to reduce heat shocking that results in solder balls	11.1 Maintains consistent solder quality	1.1 Reduce rework; save money
12. Needle swing mechanism allows solder feeder needle to swing away from tip automatically	12.1 Allows clearance for easier tip cleaning, access to tight areas and easier to program	12.1 Save time, avoid solder errors
13. Solder tips have 500 microns of iron plating versus competition with 250-300	13.1 Longer life of tips; less changeover time lost	13.1 Save money
14. Optional nitrogen generator and double heater mechanism	14.1 Prevents oxidation of tips and produces better flow or wetting	14.1 Higher quality soldering and less maintenance