

The right tool for smt rework.

Even the most skilled technician, engineer or advanced pick & place machine create errors when building printed circuit boards. SMT rework also has its challenges. Hot air is essential to correcting these errors and as such, no workbench should be without a good system. There are numerous hot air stations available and finding the right one is not easy. Questions to ask when purchasing a hot air station include: Can the air temperature be regulated? Can air flow be controlled? How will the station handle small delicate components? Is shop air available or do I need a built-in air pump? Are a wide variety of tips and nozzles available for a range of applications? Selecting the right tool for the job is never easy. EDSYN is more than qualified to understand the needs and challenges associated with SMT rework. After all the technology was invented and patented by its owner Bill Fortune and is now an industry standard. Featured below are 4 individual hot air systems that provide solutions to rework challenges.

PRODUCTION READY & ECONOMICAL | Model 1036 self-contained SMT hot air station is ideal for an economical but efficient option for SMT devices or rework. The built-in air pump makes it perfect for lab type environments or smaller workshops where shop-air is not available. Hot air has the advantage of being able to navigate tightly packed boards with precision.

The 1036 delivers accurate and precise application of hot air for components with up to 84 pins (208 QFP). The temperature is controlled on the iron and with separate switches for the power and the pump, the 1036 can be left on without the pump continually running which not only reduces noise, but saves energy.

This hot air station is more than capable of handling all standard applications and with its adjustable airflow the operator can regulate this to suit their needs. The 1036 is the right tool for simplicity and ease of use.



LONER ATMOSCOPE® 1036

DELUXE & VERSATILE | Model 1036DX deluxe self-contained hot air station offers true flexibility as it can be used as either hot air or contact soldering from one handle. It is perfect for reworking Gullwings, J-Leads, PLCCs and other small components. As a self-contained unit, it has its own built-in air pump making it perfect for environments that do not have shop air available.

The 1036DX has the added benefit of its own pick-up tool creating a compact rework system. Portable and versatile, the 1036DX is the right tool for precise removal and rework of components.



LONER ATMOSCOPE® 1036DX

COMPACT & POWERFUL | Model 971HAe is the first hot air station to be released in the new LEGACY LINE series. Like its soldering counterpart the 971e, it is specifically designed for RoHS and Lead-Free applications including heavy-duty and multi-layer boards that require more power. Compared to other hot air stations, it is lightweight, portable and its compact design frees up space on the workbench.

Airflow is adjustable providing precise application of air to safely rework boards without damaging or removing neighboring components. An automatic shut-off valve turns the air off when the hand-piece is returned to the holder.

The direct tip-to-heater configuration delivers extra power and like other EDSYN high performance units, it boasts rapid heat-up and recovery times. The 971HAe can be used with air or nitrogen (20-80 psi). When extra power is needed, the 971HAe is the right tool to get the job done right!



LONER ATMOSCOPE® 971HAe

HIGH PERFORMANCE & MULTI-TASKING | Model 1072 hot air and soldering station is the ultimate rework solution with dual accurate temperature controlled irons. This station is perfect for areas equipped with shop air or nitrogen (20-80 psi) and the use of nitrogen produces a superior finishes with reduced bridging and no oxidation.

The heater configuration enables quick heat-up with reliable and stable temperatures. The innovative design of the handle ensures that tip change is quick and easy reducing downtime between applications.

The benefits of a dual hot air soldering station means the operator can work more efficiently and improve productivity. The 1072 is the right tool for those needing a robust and efficient rework system that offers versatility for applications needing either soldering or hot air SMT rework.



LONER ATMOSCOPE® 1072

All EDSYN hot air systems are designed for high performance in a small footprint. They are perfect for micro rework applications and deliver unique versatility and outstanding performance. All systems are designed with external calibration reducing maintenance and downtime. EDSYN hot air systems are ESD safe, RoHS compliant, accept a wide variety of tips and nozzles, manufactured in California and backed by an 18 month warranty.

The right tool is EDSYN.

50+ years | Soldering | Desoldering | SMT Rework | Fume Extraction | Accessories



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