

The right tool gets the job done right | Desoldering

The most skilled and experienced technicians that work with solder will at some point during their working life make a mistake that requires re-work or removal. Equally, high speed production lines that utilize pick and place machines will naturally incur a percentage of board failure which will also require rework and repair. So, how can this be done quickly, efficiently and with minimal effort? Investing in the right tool for desoldering is the answer.

PORTABLE & ECONOMICAL | DS017

Since the early 1960s, the DS017 SOLDAPULLT[®] has been and still is the recognized desoldering pump of choice for discerning technicians that require an economical, heavy-duty hand tool that will quickly desolder larger PCB connections, terminals, and connectors. The DS017 is portable offering the operator easy one-handed loading and operation. A simple push-button trigger quickly releases the oversized plunger to create an instantaneous and direct vacuum impulse at the desoldering tip and the integral cleaning shaft self-cleans the tip each time the tool is reloaded. Technicians choose the DS017 SOLDAPULLT[®] because it is "The Original" and nothing but the best will do - it is a brand in itself. One customer who reviewed the DS017 said "it is designed by a man who knew what he was doing". Never a truer word was spoken as the DS017 was designed by EDSYNs founder, Bill Fortune who was an engineer that recognized the importance of improving productivity levels within the manufacturing process. Today the DS017 remains a top selling tool and continues to meet the needs and demands of today's changing technology. It is a tool that should be on every workbench and in every tool-kit.



SOLDAPULLT[®] DS017

FASTER PRODUCTION | DS317

For faster production desoldering, technicians turn to EDSYNs AUTO-VAC[®] DS317 for enhanced capability. This ESD safe unit delivers automatic and continuous production desoldering without manual reloading which has the advantage of increasing productivity compared with spring-loaded hand tools. The DS317 connects to any continuous vacuum source pulling 10" Hg or more. Instant vacuum is delivered when used with EDSYNs VP171 Vacuum Pump (sold separately). It's a simple operation of depressing the trigger and no foot pedal is required. The DS317 is designed for fast, heavy-duty single point desoldering of resistors, capacitors, IC's, terminals and connectors. It comes with a tool holder which doubles as an automatic self-cleaning system when the tool is not in use. When the Power Head vacuum button is depressed, a power piston and cleaning rod automatically clears the desoldering tip. The barrel disconnects quickly allowing rapid inspection and fast removal of unwanted debris for cleaning. Delivering enhanced productivity and reduced downtime for maintenance, the DS317 is the right tool to get the job done right.



AUTO-VAC[®] DS317

HIGH PERFORMANCE | ZD500DX

For production environments looking for a more robust method of solder removal especially for multi-layer boards; a desoldering station is the best way to go. But how do technicians know which of the many desoldering stations on offer is the right one for their needs? A good place to start is by asking a few questions such as:

- Is it robust enough for everyday use covering several work shifts?
- Will it deliver instant suction when needed?
- How much maintenance is required and is it easy to clean?
- Does it require shop air or have a built-in vacuum pump?
- Is it simple and easy to use or are there complicated features to get around?
- Are spare parts easy to obtain?
- Will it increase productivity and provide consistent results?

With the ZD500DX, EDSYN engineers created a unique solution that delivers on the needs of the technician and more. This deluxe ESD safe, self-contained desoldering station is all about quality and producing a polished, finished look to any through-hole desoldering requirement. The quality can be seen and felt from the moment the ergonomic hand tool is removed from its cradle. The automatic pump goes into action and the operator is ready to go. The ZD500DX is uncomplicated in its design yet delivers high performance. It benefits from a lightweight handle that is adjustable with four comfortable working angles, a small footprint to save space on the workbench, a powerful heating element makes heavy multi-layer boards easy to desolder and delivers fast heat-up and quick recovery times. Additional features include quick and easy tip change and the inclusion of external calibration makes it easy to calibrate with little down time. Customers that purchase the ZD500DX appreciate how easy it is to use and maintain. One Certified IPC trainer remarked that compared to other systems, the ZD500DX requires only minimal maintenance. He 'spent less than 4 hours maintaining the ZD500DX in a two-year period compared to 1-2 hours monthly on other manufacturers' systems'. Less downtime in this way means improved productivity. Another EDSYN customer stated in their review of this item "take care of it and it will take care of you". Finding the right tool that gets the job done right is never easy but with the ZD500DX it's always going to be a job well done!



SOLDAPULLT® ZD500DX

Another little tidbit about EDSYN, the majority of its products including the SOLDAPULLT® DS017, the AUTO-VAC® DS317 and the SOLDAPULLT® ZD500DX are all designed and assembled right here in the USA. For over 50 years, EDSYN has been manufacturing and bringing innovative ideas to life at its factory in Van Nuys, California.

The right tool is EDSYN.

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



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