

Xytronic LF-853D Soldering Station

Soldering Station
 A photograph of the Xytronic LF-853D Soldering Station. The station is a black, rectangular unit with a control panel on the front featuring two digital displays and several buttons. To the left of the unit is a black carrying case with its lid open, revealing compartments for various accessories. In front of the station are several tools: a soldering iron with a black handle and a silver tip, a desoldering braid, and a pair of tweezers.
Tool Type: Electronics/joining tool
Location: Innovation Workshop
Description: Soldering iron
Manufacturer: Xytronic

About

- This tool is used to melt solder with its soldering iron or hot air station. This multi function rework station has a max heat output of 900W and can be used for hot air, soldering, and desoldering.
- Safety Glasses, long pants, and closed-toed shoes must be worn in the workshop.

Safety Concerns

This tool generates heat! Do not set directly on bench, do not leave tool operating without supervision.

Operating Procedures

- Secure the workpiece using the soldering hands.
- Heat the joint/wire to be soldered.
- Apply solder to the joint/wire using the soldering iron. Apply heat until the temperature of the iron equilibrates.
- Remove the iron from the joint. Use the desoldering braid located in the soldering supply bin if desoldering is needed.

Detailed Specifications

Normal Operation: 300-360 C

Temperature Range: 150-480 C

Reference Documentation

[lf-853d_manual.pdf](#)

<https://www.youtube.com/watch?v=J5Sb21qbpEQ>

<https://www.youtube.com/watch?v=Qps9woUGkvl>

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