

# Xytronic LF-853D Soldering Station

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

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## Reference Documentation

[lf-853d\\_manual.pdf](#)

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

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

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