

# Xytronic LF-853D Soldering Station

Soldering Station	
 The image shows the Xytronic LF-853D Soldering Station, a black rectangular unit with a digital display and control knobs. It is accompanied by a black carrying case, a soldering iron, a desoldering braid, and a pair of soldering pliers.	
<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 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

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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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