



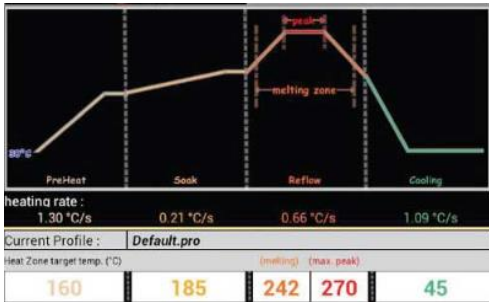
The AXT RF30N reflow system is a industry 4.0 ready benchtop unit, the AXT RF30N is ideal for product development, prototyping, and manufacturability testing. Detailed solder profiles are easily programmed, stored, and downloaded through the AXT RF30N exclusive hardware control app and Android operating system. Android architecture also allows users to take advantage of touch screen operation and integrated wireless networking for data transfer. Connection for nitrogen input and integrated flow controller included.



Batch Reflow Oven **AXT RF30N**

Features:

- **Design Ideal For Labs and Small Scale Production:** Measuring 690 mm L x 480 mm W x 300 mm H, the AXT RF30N easily installs on virtually any benchtop. Its ability to simulate inline reflow profiles with preheat, soak, reflow, and cooling phases makes it a great choice for labs
- **Easy Installation - Up and Running in No Time:** The AXT RF30N has an average power rating of 3.6 KW (6.3 KW, peak) and requires a 220-240V, single-phase, voltage supply rated at 30 amps. Built-in circulation fans provide air flow for heating and cooling, and solder waste is exhausted through a 2.5" flanged outlet on the rear of the unit.
- **Android-Based Control Application:** Android-based control app provides an easy-to-use, touch-panel interface with virtual keyboard for setting the temperature and duration of the preheat, soak, reflow, and cooling stages. In the reflow zone, the user can specify the dwell at both the melting and peak temperatures.
- **Temp Recordings Easily Saved & Distributed via WiFi:** In the run mode, the high-resolution touch-panel displays a graphical representation of the heat zone temperature (red) versus the PCB temperature (yellow) throughout the reflow cycle.



Android Application

Compact Design

Temperature Recording

AXT RF30N Technical Specifications

Heating Method	IR & Forced Hot Air Convection
User Interface	Android Software Platform Ultra High Resolution Touchscreen Integrated WiFi & Networking, Bluetooth communication
Effective Working Area	350 x 250 mm
Max. Energy Power	3.5 KW
Max. Current Consumption	20 A
Number of User Programs	100
Number of Profiles	100
Cover Degree	IP 30
Max. Temperature	310 °C
Max. Drying Temperature	170 °C
Max. Drying Time	9999 min
Max. Reflow Time	999 Sec
Max. warmup Time	999 Sec
Heating Bars	4 Heating Bars of 1200 W
Tray Dimension	350 x 250 mm
Voltage	220-240V 50Hz
Dimension (L x W x H)	940mm x 640 mm x 300 mm
Weight	17 kg