

Batch Reflow Oven for prototypes - FT 02

forced convection system



The reflow oven FT05 is a new generation professional oven. It was created to work with the new high temperature alloys.



For a best precision, the heat is distributed by forced convection.

The reflow oven FT05 includes in line the memorisation of 10 programmes, the advice visualisation by LCD display and 5 connections in front face: 3 for flexible thermocouples, 1 for printer and 1 for computer.

The FT05 oven is compatible with the software SMTix-FT® (as an option). In « Test » mode: this software parameters the oven to test profiles on boards, to view the curve tracing, to valid the tests and to store in one of the 10 memories of the oven or computer.

In « Manufacturing » mode: piloting of the oven from validate and memorised tests. View of the oven probe and curve tracing.

FT05 Key features:

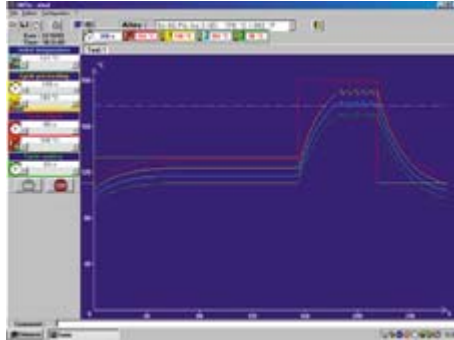
- Complete view of the card through a large window
- Compact model but offering a reflow working area of **350 x 400 mm**
- Display on LCD screen of the different advice
- **Memorisation of 10 programmes in line**
- **Compatible for high temperature alloys, above all lead free**

- Heat through forced convection.
- Temperature control by microprocessor.
- **Compatible with SMTix-FT® software**
- Very easy programming for a simple use

Safety: double window with air circulation, locking of the access door, extraction pipe for solder fumes, filtration unit for solder fumes as an option.

Description	Item Code
FT 05 oven	F31 112
Technical characteristics	FT 05
Working area	350 x 400 mm
Heating	2 levels
Quartz heating element	4 x 1 KW
Temperature control	By microprocessor
Working temperature	Up to 300°C
Thermic stabilisation time	About 5 minutes
Ext. Dimensions L x w x H	600 x 525 x 350 mm
Net weight	23 Kg
Electrical supply	230 V - 50/60 Hz
Options for FT 05 oven	Item Code
Piloting software for FT05 oven – SMTix-FT®	F42 302
Filtration unit for solder fumes (to be directly connected on the extraction pipe)	I51025.F

The SMTix-FT® software permits to profile the temperature of the FT05 reflow oven. It includes 2 modes: a "Test"-mode to create reflow profiles and a "Manufacturing"- mode to set the parameters of the oven. Very simple to use, the SMTix-FT® software is a precious help.



Connected to the oven thanks to a simple RS232 link, SMTix-FT® automatically detects the probes connected to the oven. In the **”Test”** -mode: this software parameters the oven to test profiles on boards, to view the curve tracing, to validate the tests and to store the data in one of the 10 memories of the oven or computer. Possibility to print the tests done and to add comments to them.

In the **“Manufacturing”** mode: set of the parameters of the oven from validated and memorised tests. View of the oven probe and curve tracking.

The SMTix-FT® software also detects the problems: broken lamps, dirty oven,...

SMTix-FT® Key features:

- Easy of use
- Is working in Test or manufacturing mode
- Tests printing in which you can add comments
- Pilot the oven from validated recorded tests
- View of the different temperature probes: 1 in the oven and 3 external
- Detection of the problems: broken lamps, dirty oven,...