REFLOW SOLDERING

CIF FT05 ADVANCED

Forced convection reflow oven for prototypes and small batches

350 × 400 mm reflow area | Forced convection, up to 300 °C | SMTix 2.0 software included | Profiles with up to 10 stages | Lead-free soldering



OVERVIEW

The **CIF FT05 ADVANCED** is a drawer-type forced convection reflow oven for prototyping and small-batch production. Its multi-stage temperature control simulates the temperature profiles of an industrial conveyor reflow oven.

The oven is controlled by the **SMTix 2.0** software, included as standard. It is suitable for lead-free soldering and can be connected to an external filtration station for a safer working environment.

Two versions: **FT05 ADVANCED** with a manual extraction flap and **FT05 ADVANCED AUTO** with an automatic flap.

KEY FEATURES

Forced convection
uniform heat distribution, 4 × 1 kW quartz heating elements

Large viewing window
full visibility of the PCB during the whole process

Multi-stage profiles
up to 10 temperature stages, unlimited profile storage

Thermal control
internal sensor or external thermocouple, LCD display of the settings, simple programming

Fume extraction
integrated extraction nozzle, optional FILTRATEC filtration station

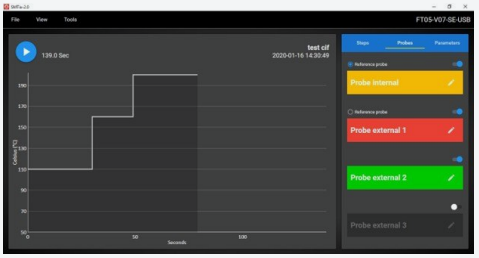
Compact
350 × 400 mm usable area in a 730 × 640 mm footprint

OPTIONS AND ACCESSORIES

Filtration station kit (FILTRATEC filtration station with remote control)	I51025.F1
Type K thermocouple	E42127
Set of 3 thermocouples	E42128
FT05 ADVANCED PREMIUM: filtration station kit and set of 3 thermocouples included	V900038



FT05 ADVANCED with FILTRATEC filtration station (option)



SMTix 2.0 control software

SMTIX 2.0 CONTROL SOFTWARE

- Create, adjust and save multi-stage profiles with up to 10 stages
- Unlimited storage of temperature profiles, with date, time and comments
- Control via the internal sensor or external thermocouple
- Switch the reference sensor during operation without losing recorded values
- Displays 1 internal and up to 3 external sensors
- Step-by-step or continuous graph view, data export in CSV, PDF and JPG
- Touchscreen-compatible, Windows 11 (desktop PCs and tablets), multilingual
- Connected to the oven via USB, single-user licence

TECHNICAL SPECIFICATIONS

	FT05 ADVANCED	FT05 ADVANCED AUTO
Part Number	V900324	V900332
SMTix 2.0 Control Software	included	
Usable Reflow Area	350 × 400 mm	
Quartz Heating Elements	4 × 1 kW	
Temperature Control	microprocessor-controlled	
Operating Temperature	up to 300 °C	
Thermal Stabilisation Time	approx. 5 minutes	
Noise Level	below 50 dBA	
Extraction Flap Control	manual	automatic
External Dimensions (L × W × H)	730 × 640 × 380 mm	
Net Weight	39 kg	
Power Supply	230 V, 50/60 Hz	

Configuration, demo and quotation

InterElectronic supplies CIF equipment in Hungary and Central Europe: application advice, installation, training and service.

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Specifications according to CIF (France). Subject to change without notice.