

SURFACE-MOUNT / SMT PRODUCTS

Equipped with Auto Profile Mode. Handles BGAs, CSPs and all SMDs using the preheater.

HOT-AIR REWORK STATIONS
XFC-300/301



AUTO PROFILE
Can be set to the desired profile without a test

VARIOUS PROFILES AVAILABLE
Up to 19 profiles, each with 5 zones

ACCURATE TEMPERATURE CONTROL
With PID control

ON/OFF INTERFACE
Controls external preheater

HAND OPERATION
Heater and vacuum switches on the handpiece

FORCED COOL-DOWN
On all zones with cool key

●Either Auto profile or Repeat Profile function (PAT). ●5 zone profiles available: **PREHEAT 1, PREHEAT 2, PREHEAT 3, REFLOW, and COOL.** ●Up to 19 profiles* can be saved for each of the 5 zones. ●One profile can be registered for HAND Mode. ●Accurate PID temperature control. ●Heater and Vacuum switches located on the handpiece for easy control. ●ON/OFF interface with Preheater (connection cable optional). ●Keypad Lock and Offset functions. ●Instant cool down on all zones by pressing the COOL key.

*separate profiles with specific temperature and time settings can be pre-programmed for each of the 5 Zones



XFC-301



XFC-300

Nozzles sold separately.

Nozzles sold separately.

An economic solution with maximum heat capacity. Handles BGAs, CSPs and all SMDs.

HOT-AIR REWORK STATION
XFC-210



Auto Cool-Down function to protect the heater. Handles QFPs, PLCCs, SOLs.

HOT-AIR REWORK STATION
XFC-110



Nozzles sold separately.



Nozzles sold separately.

ACCURATE TEMPERATURE CONTROL
With P temperature control

ON/OFF INTERFACE
Controls external preheater

TEMPERATURE CONTROL
With ON/OFF control

DIGITAL DISPLAY
Easy temperature control

HAND OPERATION
Heater and vacuum switches on the handpiece

FORCED COOL-DOWN
On all zones with cool key

VACUUM PICK-UP
Highly accurate

FLOW METER
Easy air-flow control

VARIOUS PROFILES AVAILABLE
Up to 19 profiles, each with 5 zones

AUTO COOL-DOWN
Protects the heater

●5 zone profiles available: **PREHEAT 1, PREHEAT 2, PREHEAT 3, REFLOW, and COOL.** ●Up to 19 profiles* can be saved for each of the 5 zones. One profile can be registered for HAND Mode. ●Accurate P temperature control. ●Heater and Vacuum switches located on the handpiece for easy control. ●ON/OFF interface with Preheater (connection cable optional). ●Keypad Lock and Offset functions. ●Instant cool down on all zones by pressing the COOL key.

●Temperature management using ON-OFF control. ●Digital temperature display for easy temperature management. ●Vacuum pickup function, Flow meter for easy airflow management. ●Auto Cool Down function to protect heater.

*individual profiles with specific temperature and time settings can be pre-programmed for each of the 5 Zones

XFC series FEATURES TABLE

FUNCTION	XFC-301	XFC-300	XFC-210	XFC-110
Auto-lift*	✓	—	—	—
5-zone Profiles	✓	✓	✓	—
Auto Profile Mode	✓	✓	—	—
Normal Profile Mode	✓	✓	✓	—
Hand Mode	✓	✓	✓	✓
Saving of Profile Mode and Hand Mode	✓	✓	✓	—
PID Control	✓	✓	P control	—
ON/OFF and Vacuum Control on Handpiece	✓	✓	✓	—
Interface to Control Preheater	✓	✓	✓	—
Keypad Lock, Offset	✓	✓	✓	—
Forced Cool-down	✓	✓	✓	✓
Vacuum Pick-up	✓	✓	✓	✓
Digital Display	✓	✓	✓	✓
Flow Meter	✓	✓	✓	✓
Auto Cool-down	—	—	✓	✓
Ergonomic Handpiece	✓	✓	✓	✓

*Handpiece with removed SMD can be lifted automatically after the reflow process is finished.

SPECIFICATIONS

Model	XFC-301	XFC-300	XFC-210	XFC-110
Voltage	220–240 V AC 50/ 60 Hz		220 V, 230 V, 240 V AC 50/ 60 Hz	
Power Consumption	400–460 W		470 W	
Power Cord Length	1.5 m (3 core cord) Inlet type			
Temperature Setting Range	50–550°C			150–550°C
Insulation Resistance	Over 10 MΩ (500 V DC)			

Control Unit

Model	XFC-301	XFC-300	XFC-210	XFC-110
Output Voltage	220–240 V AC		220 V, 230 V, 240 V AC	
Air-flow Meter	Equipped			
Air-flow Volume	5–25L /min		5–23L /min	5–25L /min
Auto-lift Function	Included			
Modes	3 (Profile-Normal, Profile-Auto, Hand)		3 (Profile-Flat, Profile-Slope, Hand)	1 (Hand)
Temperature Profiles	5 Zones (Temperature and Time)			
Profile Memory	(Auto, Normal)×19, HAND×1		(Flat,Slope)×19, HAND×1	
Dimensions	200 (W) ×230 (H) ×265 (D) mm		182 (W) ×179 (H)× 263 (D) mm	
Weight	7.6 kg (w/o cord)		8.4 kg (w/o cord)	7.8 kg (w/o cord)
Accessory	Connection Cable with Preheater, Handpiece Holder, XVCW-SET			Handpiece Holder, XVCW-SET

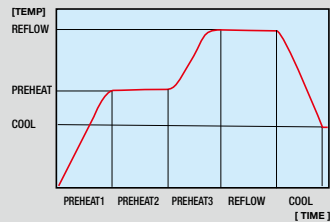
Handpiece Unit

Model	XFC-301	XFC-300	XFC-210	XFC-110
Voltage	220-240 V AC		220 V, 230 V, 240 V AC	
Power Consumption	370-430 W		400 W	
Heater	Nichrome Heater			
Hose Length between Handpiece and Control Unit	1 m			
Vacuum Pickup	Integrated into Handpiece			
Length	220 mm (w/o cord)			
Weight	180 g (w/o nozzle, cord)			

MODES

NORMAL	Create your own profiles for the 5 zones.
AUTO	Can be set to the desired profile without a test. (PAT.) XFC-301/300 only
HAND	Configure temperature settings for manual rework.

XFC-301/300 AUTO PROFILE EXAMPLE



REPLACEMENT PARTS / OPTIONS

Heater XFC-100H	Vacuum Cup ø6 mm XVCW-6
XFC Heater Pipe XFC-100HP	Vacuum Cup ø8 mm XVCW-8
Vacuum Cup Set XVCW-SET	Vacuum Cup ø10 mm XVCW-10

Vacuum Cup

