

# 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**



<b>AUTO PROFILE</b> Can be set to the desired profile without a test
<b>ACCURATE TEMPERATURE CONTROL</b> With PID control
<b>HAND OPERATION</b> Heater and vacuum switches on the handpiece

<b>VARIOUS PROFILES AVAILABLE</b> Up to 19 profiles, each with 5 zones
<b>ON/OFF INTERFACE</b> Controls external preheater
<b>FORCED COOL-DOWN</b> 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

Nozzles sold separately.



XFC-300

Nozzles sold separately.

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

HOT-AIR REWORK STATION  
**XFC-210**



Nozzles sold separately.

<b>ACCURATE TEMPERATURE CONTROL</b> With P temperature control	<b>ON/OFF INTERFACE</b> Controls external preheater
<b>HAND OPERATION</b> Heater and vacuum switches on the handpiece	<b>FORCED COOL-DOWN</b> On all zones with cool key
<b>VARIOUS PROFILES AVAILABLE</b> Up to 19 profiles, each with 5 zones	

●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.

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

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

HOT-AIR REWORK STATION  
**XFC-110**



Nozzles sold separately.

<b>TEMPERATURE CONTROL</b> With ON/OFF control	<b>DIGITAL DISPLAY</b> Easy temperature control
<b>VACUUM PICK-UP</b> Highly accurate	<b>FLOW METER</b> Easy air-flow control
<b>AUTO COOL-DOWN</b> Protects the heater	

●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.

## 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

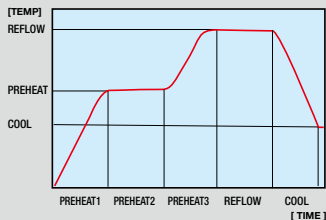
## Handpiece Unit

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

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

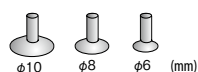
## XFC-301/300 AUTO PROFILE EXAMPLE



## REPLACEMENT PARTS / OPTIONS

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

Vacuum Cup



**HOT-AIR REWORK STATIONS** p.62**XFC-301****XFC-300****XFC-210****XFC-110****PREHEATERS** p.65**XPR-610****XPR-600****XPR-1000****HANDPIECE HOLDERS** p.64**XK-1****XK-2****BOARD HOLDERS** p.65**XU-1****XU-1S**