

## Lost wax casting tool

Discover our range of irons specially designed for the work of repair and finishing in the fields of lost wax foundry.

### Tools 230 V / 50 Hz

FTM Technologies  
Manufacturer of the brand



#### 1. Thermoregulated station

Two sets are available :

- SEM101R with a power of 100 W
- AC5S with a power of 50 W. This model has been specifically designed with a temperature limitation at 250°C for lost wax uses.

Our sets are composed of :

- ✓ A control unit powered with 230 V Mains sector
- ✓ A high power iron (50 W for AC5S station and 100 W for SEM101R station) guaranteeing a high temperature reserve; it is supplied with 24 V safety low voltage by the control unit

Thanks to electronic control, the desired precise temperature is kept constant and permanently displayed ; the power guarantees moreover a very rapid rise in temperature, and the regulation, a very low consumption.



SEM101R Station  
ref. 1010001055



AC5S Station  
ref. 1010001052

Technical data of the control box	
Mains supply	230 V – 50 Hz
Low voltage output	24 VAC with 4 kV isolation
Power	50 W for AC5S station 100 W for SEM101R station
Button to control the desired temperature (tolerance +/- 2%)	40 to 250°C for AC5S station 50 to 510°C for SEM101R station
Thermoplastic case treated antistatic Display of the real temperature Bright on/off switch EMC microprocessor electronics	



3801 Iron for SEM101R station  
ref. 1021001014



3701AC Iron for AC5S station  
ref. 1021001013

Applicator iron :

- ✓ Power supply 24 V 50 W/100 W according to the station
- ✓ Non-combustible and antistatic connection cord
- ✓ "High stability" heating element
- ✓ Reliable temperature measurement by thermocouple at the end of the element
- ✓ Stainless steel heating element
- ✓ Ergonomic handle

Heating spatulas available :



Very small spatula  
22 x 12 mm  
ref. 1051001091



Small spatula  
32 x 16 mm  
ref. 1051001073



Medium spatula  
52 x 25 mm  
ref. 1051001072



Large spatula  
90 x 50 mm  
ref. 1051001071

Ø6 mm

We also realize any type of tip and tailor made spatula, consult us.

## 2. Straight spatula iron

The irons consist of :

- ✓ A 55 W power iron (for SPAT55FCP iron) or 75 W (for SPAT75FCP iron) guaranteeing a high temperature reserve.
- ✓ Aluminum spatula tip 10 x 70 mm (for SPAT55FCP iron) or 18 x 90 mm (for SPAT75FCP iron)
- ✓ Iron holder



ref. SPAT55FCP



ref. SPAT75FCP

Ø8 mm



ATS2 Small spatula  
10 x 70 mm



ATS1 Large spatula  
18 x 90 mm

Other models of spatulas on request.

Optional : To increase the accuracy and quality of your work, this iron can be connected to the power regulator ref. RP500 which allows operation over a wide range of temperatures from 0 to 300°C max



Technical data of the applicator iron	
Mains supply	230 V – 55 W for SPAT55FCP iron 230 V – 75 W for SPAT75FCP iron
Maximum temperature	350 to 400°C according to the spatula
Iron weight with spatula	200 g for SPAT55FCP iron 250 g for SPAT75FCP iron
Heating coiled element "high reliability" Stainless steel heating body Anti-static thermoplastic handle	

### 3. 230 V Sharp iron

The 230 V sharp iron consists of :

- ✓ An 230 V iron with 17 W power ensuring a significant reserve of temperature
- ✓ A removable annealed copper tip (thus malleable) with diameter 3 mm
- ✓ An iron holder



230 V Sharp iron  
ref. snec17



Annealed copper pin for sharp iron  
ref.panne\_pointu

Technical data of the sharp iron 230 V	
Mains supply	230 VAC 0,075 A
Maximum temperature	350°C
Iron weight with the pin	100 g
Heating coiled element "high reliability" Stainless steel heating body Anti-static thermoplastic handle	

Optional : To increase the accuracy and quality of your work, this iron can be connected to the power regulator ref. RP500 which allows operation over a wide range of temperatures from 20 to 350°C max



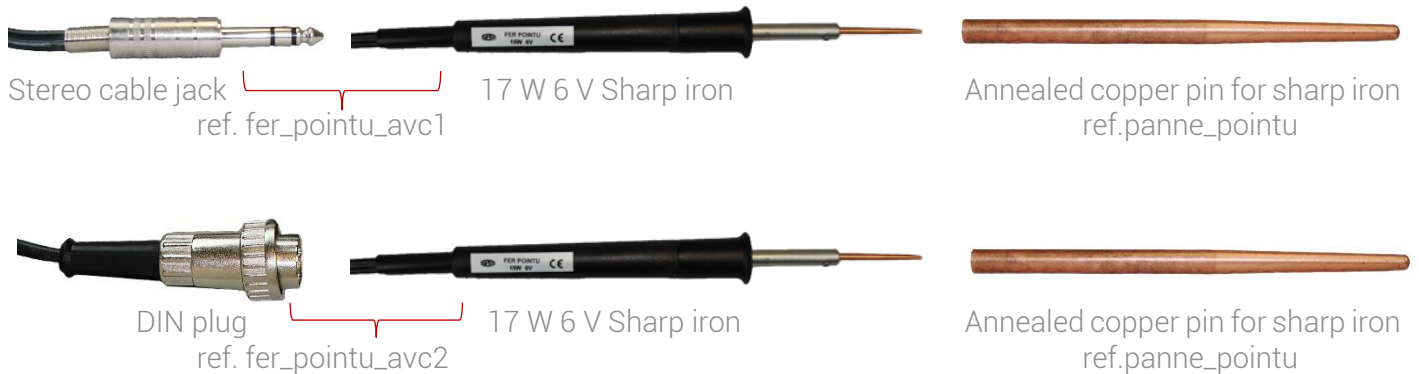
## Very low voltage tools

### 1. 6 V sharp iron

These irons are devices specially designed for retouching, modeling and finishing work in the fields of lost wax casting.

The 6 V sharp iron consists of :

- ✓ An 6 V iron with 17 W power ensuring a significant reserve of temperature
- ✓ A removable annealed copper tip (thus malleable) with diameter 3 mm
- ✓ With a connector, chosen according to the type of generator used : stereo cable jack or DIN plug



Technical data of 17 W 6 V sharp iron	
Mains supply	3 to 6 V max AC
Maximum temperature	150°C depending on generator
Iron weight with the pin	85 g
Heating coiled element "high reliability" Stainless steel heating body Anti-static thermoplastic handle	

On this iron we can replace the malleable copper tip with nickel-chrome treated hard copper tips.

### 2. Pin iron

The pin iron consists of :

- ✓ A special 17 W power iron with non-combustible handle
- ✓ A "Nickel-Chrome" heating pin in the shape of a hairpin allowing precise removal of the wax.
- ✓ With a connector, depending on the type of generator used : stereo cable jack, banana connector or for connection to BDT1A generator (see thermal wire stripping documentation)





Stereo cable jack  
ref. fer\_epingle\_jack



Banana connector  
ref. fer\_epingle\_fb



BDT1\_A connector  
ref. fer\_epingle\_frb

Technical data of pin iron	
Mains supply	From 3 to 6 VAC
Maximum temperature	400°C according to the type of connector
Iron weight	115 g
Heating element Nickel Chrome Heat-resistant and lightweight handle	

We also manufacture hot plates dedicated to the lost wax casting. The principle is to provide a work surface that warms and keeps the wax at the desired temperature.

We offer heating plates with or without bucket holders and a version with rotating heating plate



ref. PCIRE\_180x180



ref. PCIRE\_300X300



ref. PTC 400

For any request for a custom heating plate, contact us