

Fine art restauration tool

This range of irons are devices specifically designed for restoration, repair and finishing work in various fields such as cabinetmaking, fine arts, plastics, textile, restoration of books, restoration of paintings... They allow different works such as heating, plating, spatulating, sticking, unsticking, welding, cleaning, marking, encausticating.

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 delicate operation in fine arts.

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
Antistatic thermoplastic case 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 body
- ✓ Ergonomic handle

Heating inclined 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

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

2. Heated inclined spatula iron

The SPAT850BT iron consists of :

- A high power iron (40 W) guaranteeing a high temperature reserve.
- A wide choice of tips and spatulas... nickel-plated, chrome or Teflon-treated. An adapter shaft diameter 6 mm is required to use the spatula tips.



ref.1022001031

Applicator iron :

- ✓ Power supply 230 V 40 W
- ✓ "High stability" heating element
- ✓ Stainless steel heating body
- ✓ Thermoplastic handle
- ✓ Max temperature from 350 to 400°C according to the type of spatula

Supplied without spatula. Spatula to be chosen among above spatulas...

The SPAT865 iron consists of :

A high power iron (55 W) guaranteeing a high temperature reserve.

A wide choice of tips and spatulas... nickel-plated, chrome or Teflon-treated. An adapter shaft diameter 8 mm is required to use the spatula tips.



ref. 1022001049

Applicator iron

- ✓ Power supply 230 V 55 W
- ✓ "High stability" heating element
- ✓ Stainless steel heating body
- ✓ Thermoplastic handle
- ✓ Maximum temperature from 350 à 400°C depending on spatula type

Supplied without spatula. Spatula to be chosen among above spatulas...

The SEM100SPAT iron

This professional iron is perfectly adapted to the work of spatulage and varnishing in the fields of restoration of furniture, paintings etc.



Applicator iron :

- ✓ Power supply 230 V 50/60 Hz 100 W
- ✓ Mass : 400 g with its « GM » spatula
- ✓ Length : 300 mm with « GM » spatula
- ✓ Maximum temperature 300°C depending on spatula type

Supplied without spatula. Spatula to be chosen among above spatulas...

Heating inclined 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

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

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 400°C max



ref. 1010001077

3. Heating 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



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



ref. 1010001077

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	