



SOLDERING / DESOLDERING GENERAL CATALOG



FTM Technologies, manufacturer, has extensive experience in equipment and electronics workshops generally speaking, industry.

Our equipment and tools are also used by leading sectors, such as the nuclear industry, aerospace, military industry or medical instrumentation.

We provide our clients with a commitment of quality and service as well as responsible partners .

Highly mobile, available and effective, we handle the demands of our customers as if they were our own. Follow and even anticipate market developments, this is the challenge of our careers in industry.

FTM-TECHNOLOGIES

78 Rue Raymond Poincaré
92000 NANTERRE
FRANCE

Phone Nb. +331 40 86 00 09 Fax. +331 40 86 16 45

Email: info@ftm-technologies.com

Website : <http://www.ftm-technologies.com>

Website : <http://www.semsoudage.com>

FTM-TECHNOLOGIES produces SEM equipments



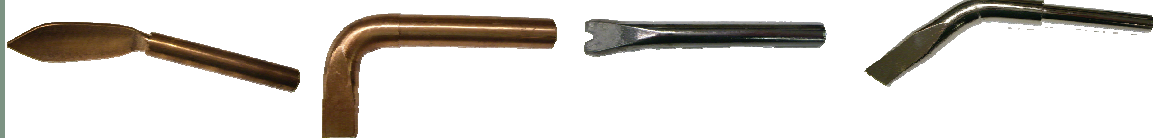
- The soldering stations SEM are consistent with new guidelines RoHS et DEEE.
- Our tips of iron have a particular treatment for a longer life.
- We can do custom-made tip.

Some custom-made tips :

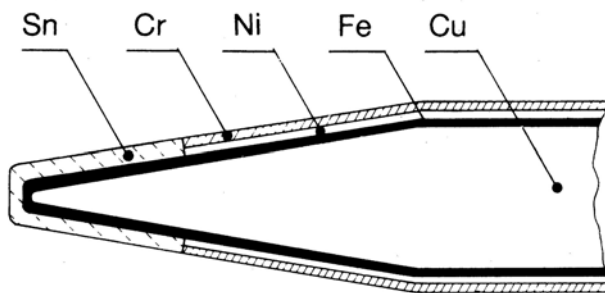
RAW COOPER TIPS

NICKEL-PLATED COOPER TIP

LONG LIFE TIP



DETAIL OF LONG-LIFE TREATMENT



Sn = Tin

Cr = Chromium

Ni = Nickel

Fe = Iron

Cu = Cooper



SUMMARY

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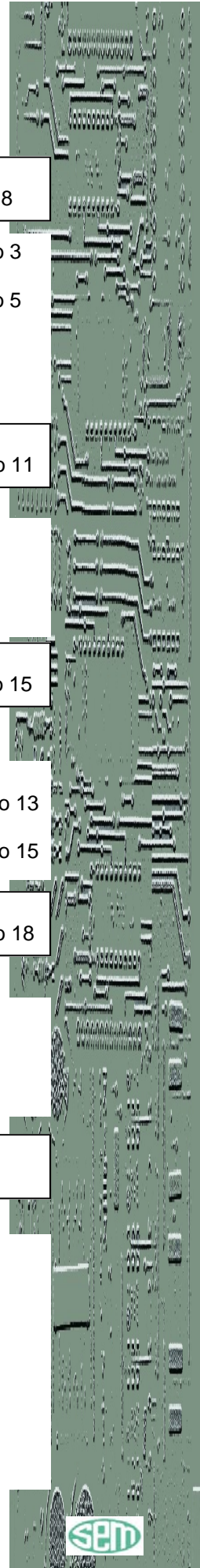
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SOLDERING STATION



COMPLETE THERMOREGULATED SOLDERING UNIT 24V

Deliver with a long life tip and iron holder

REFERENCE

Tips page 4 & 5

Thermoregulated unit for SMD and through components brazing

The regulation box is ESD. The iron solder cord is non-combustible and ESD.

Programmable Versions (DC) : DATA CONTROL

- Temperature locker
- Temperature controller button (Calibration stations)
- Temperature stand-by mode (economy on tip shelf life)
- Auto Shut-off

WITH MICRO IRON 1601(40W 24V) SPECIAL SMD

Temperature from 40 to 450°C—Delivered with tip 3603—Weight : 25 grams (iron)



SEM41 DC

SEM40 D Micro iron 1601 (40W)
code : 1010001020 Without display

40W

SEM41 DC Micro iron 1601 (40W)
code : 1010001024 Programmable with display

WITH TRADITIONAL IRON 2501(50W 24V)

Temperature from 40 to 450°C—Delivered with tip 2411



SEM50 D

SEM50 D Iron solder 2501 (50W)
code : 1010001019 Without display

50W

SEM51 DC Iron solder 2501 (50W)
code : 1010001022 Programmable with display



WITH MICRO IRON 2101 (95W 24V) ESPECIALLY "LEAD FREE"

Temperature from 40 to 450°C—Delivered with tip 3803—Weight : 45 grams(iron)



SEM95 DC

SEM95 D Micro iron 2101 (95W)
code : 1010001098 Without display

95W

SEM95 DC Micro iron 2101 (95W)
code : 1010001095 Programmable with display

These soldering stations have been designed for soldering all advanced technology or state-of-the-artelectronics components with maximum efficiency and safety. Regulation is controlled by a microprocessor whose flexibility and capability make it possible to obtain : very accurate regulation of the selected temperature to +-2%





SOLDERING STATION

COMPLETE THERMOREGULATED SOLDERING UNIT 24V

Delivery with a long life tip and soldering iron holder

REFERENCE

Tips page 4 & 5

WITH TRADITIONAL SOLDERING IRON 3401(100W 24V)

Temperature from 40 to 450°C—Delivered with tip 850-10DTX

SEM100 D code : 1010001014	Iron 3401 (100W) Without display
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SEM101 DC code : 1010001016	Iron solder 3401 (100W) Programmable with display
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SEM101DC



SEM101 BDC



100W

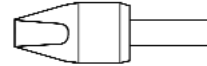
WITH IRON "BUFFALO" TYPE 3501(100W 24V)

Temperature from 40 to 510°C—Delivered without tip
3515 "Buffalo" Ø8

SEM100 BD code : 1010001036	Iron 3501 (100W) Without display
---------------------------------------	-------------------------------------

SEM101 BDC code : 1010001038	Iron 3501 (100W) Programmable with display
--	---

The tip « BUFFALO » allows a more important heat reserve



WITH IRON "BUFFALO" TYPE 3601(150W 24V)

Temperature from 40 to 510°C—Delivered without tip

SEM151 BDC code : 1010001104	Iron 3601 (150W) Programmable with display
--	---

SEM151 BDC



150W

DOUBLE THERMOREGULATED SOLDERING UNIT 24V

Delivered with two long life tips and soldering iron holder

REFERENCE

Tips page 4 & 5

This stations have **2 independent and programmable outputs** with display.
Iron temperature is adjustable, each from 40 to 450°C.

Made your own DUAL STATION

With 2 soldering irons to select :

- 40W iron 1601
- 50W iron 2501
- 95W iron 2101
- 100W iron 3401
- 100W «BUFFALO»



In the limit of 200 W



DUAL DC



SOLDERING STATION



STANDARD TIPS FOR THERMOREGULATED STATION

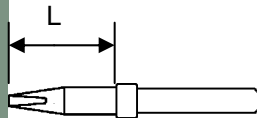
REFERENCE

LONG LIFE TREATMENT - LEAD FREE SOLDERING

FOR MICRO IRON 1601 (40W) Special SMD

P= pitch in mm L=length in mm

Ø 3,3mm

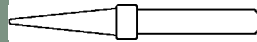


(Sold and packaged batch of 5 pieces)

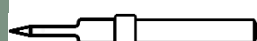
3616 Screwdriver type P=1,6 / L=15
Code : 1051001030



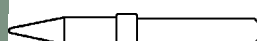
3603* Cone-shaped type P=0.3 / L=15
Code : 1051001025



3602 Thin Cone-shaped P=0.3 / L=15
Code : 1051001024



3604 Needle type P=0.3 / L=15
Code : 1051001026



3609 Cone-shaped type P=0.9 / L=15
Code : 1051001028

FOR IRON 2501 (50W) "TRADITIONAL"

P= pitch in mm L=length in mm

Ø 5mm

(Sold and packaged batch of 5 pieces)



2411* Screwdriver type P=1.6 / L=21
Code : 1051001003



2412 Screwdriver type P=2.6 / L=21
Code : 1051001004



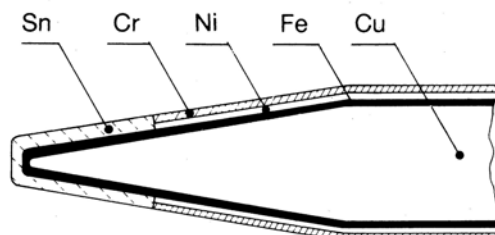
2413 Screwdriver type P=3.5 / L=21
Code : 1051001005



2438 Screwdriver type P=4.6 / L=18
Code : 1051001058

2417 Cone-shaped type P=0.5 / L=21
Code : 1051001006

2418 Cone-shaped whistle P=1.8 / L=21
Code : 1051001007



*Original Tip





SOLDERING STATION

STANDARD TIPS FOR THERMOREGULATED STATION



LONG LIFE TREATMENT - LEAD FREE SOLDERING

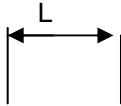
REFERENCE

FOR MICRO IRON 2101 (95W) "Special LEADFREE"

Ø 5mm

P=pitch in mm L= lenght in mm

(Sold and packaged batch of 5 pieces)



3816 Screwdriver type P=1.6 / L=15
Code : 1051001062

3809 Screwdriver type P=2.6 / L=15
Code : 1051001066

3810 Screwdriver type P=1.0 / L=15
Code : 1051001063



2438 Screwdriver type P=4.6 / L=18
Code : 1051001058



3803* Cone-Shaped type P=0.3 / L=15
Code : 1051001064

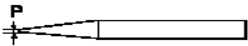
3804 Needle type P=0.3 / L=15
Code : 1051001065

FOR IRON 3401 (100W) "TRADITIONAL"

Ø 6mm

P=pitch in mm L= lenght in 70 mm

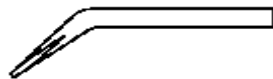
(Sold and packaged batch of 5 pieces)



850-10DTX* Screwdriver type P=2.6 straight
Code : 1051001041

850-11CTX

850-11CTX Screwdriver type P=2.6 curved
Code : 1051001042



850-12DTX Screwdriver type P=4.6 straight
Code : 1051001046

850-10DTX

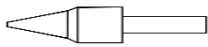
850-13DTX Screwdriver type P=1.6 curved
Code : 1051001043

850-15DTX Screwdriver type P=0.8 straight

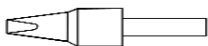
FOR IRON SOLDER 3501/3601 (100W) and (150W) ("Buffalo" Type)

Ø 8mm

P=pitch in mm L= lenght in mm



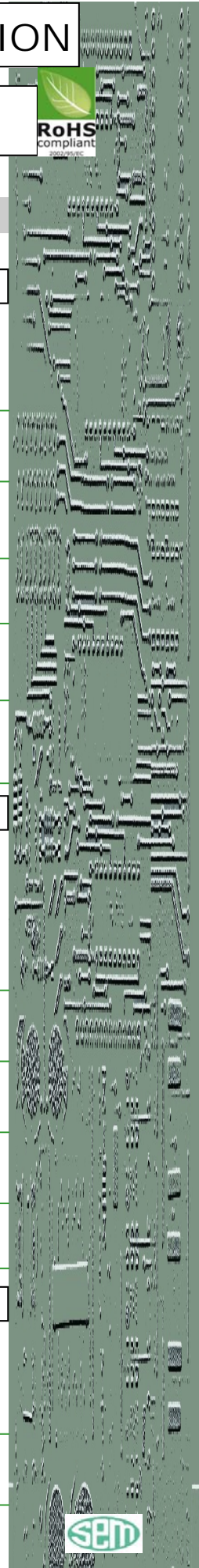
3513 "Buffalo" Type P=3.0 / L=35
Code : 1051001018



3515 "Buffalo" Type P=5.0 / L=35
Code : 1051001019



3518 "Buffalo" Type P=8.0 / L=35
Code : 1051001020



*Original tip

SOLDERING STATION



TERMOREGULATED IRON & ACCESSORIES

REFERENCE

Tips page 4 & 5

MICRO IRON 1601 Adjustable for all 24V stations

code : 1021001001

Micro S.I for precision work under binocular or micro-soldering (CMS,micro-...)

- power 40W
- weight 25g

- voltage 24V
- lenght 180

Delivered with tip ref.3603



IRON 2501 Adjustable for all 24V stations

code : 1021001005

Most used in soldering of traditional electronic components

-power 50W
-weight 50g

- voltage 24V
- lenght 205mm

Delivered with tip ref.2411



MICRO IRON 2101 For SEM95 Stations

code : 1021001025

Micro-iron for through hole components soldering and SMD Lead free

-power 95W
-weight 40g

- voltage 24V
- lenght 250mm

Delivered with tip ref.3803



IRON 3401 For SEM100 and SEM101 Stations

code : 1021001006

For high temperature soldering, enameled wires, passive components or ground plane

-power 100W
-weight 70g

- voltage 24V
- lenght 250mm

Delivered with tip ref.850-10DTX



IRON 3501 For SEM100BD and SEM101BDC Stations

code : 1021001007

Used for PCB, heavy ground plane

-power 100W
-weight 110g

- voltage 24V
- lenght 250mm

Delivered without tip



IRON 3601 For SEM151BDC Station

code : 1021001027

Used for heavy ground plane, big wires, big pods...

-power 150W
-weight 230g

- voltage 24V
- lenght 270mm

Delivered without tip



IRON HOLDER

41.150 For Micro iron 40W / 95W

code : 1040001003 with sponge holder

50.150 For Soldering Iron 50W

code : 1040001004 with sponge holder

100.150 For Soldering Irons 100W/100W "buffalo" et 150W " buffalo "

code : 1040001001 with sponge holder





STATION DE SOUDAGE

THERMOREGULATED "HIGH POWER" STATION 230V



The large **capacity** and **rapidity** to heat from these stations make it an indispensable tool for *soldering*.

Large ground plane such as : sheet metal work, Soldering tank, radiators, brass rails, electrical ...

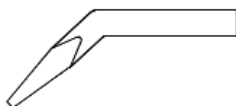


REFERENCE

SEA 300 code : 1010001012	With display / Iron 401 Iron weight: 350g Delivered with tip 201-11C	300W
SEA 450X code : 1010001030	With display / Iron 501X Iron weight: 510g Delivered without tip	450W
SEA 600X code : 1010001002	With display / Iron 601X Iron weight: 650g Delivered without tip	600W

Tip for high power Iron 401 (300W)

P= Extremity in mm CB= Copper Raw CN= Copper Nickel LL= Long life

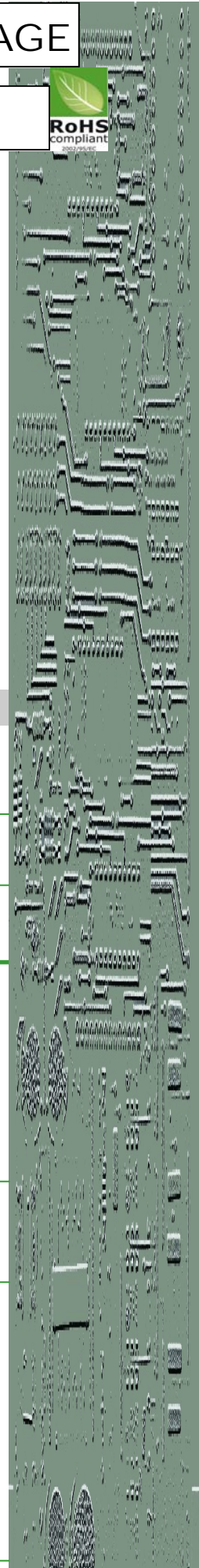


Ø 9,5

201-11C Screwdriver type LL Curved P=5.5
Code : 1053001003

365-10CSX Screwdriver type LD Curved P=14
code : 1051001098

SE430 Iron holder for Irons 401/501X/601X
code : 1030001108



IRONS AND ACCESSORIES

ADVANCE AUTOMATIC SOLDERING SYSTEM

REFERENCE

SEM 80DC AVS Complete station with **advance automatic Soldering**
code : 1010001097

includes :

- . 1 SEM101 DC Station
- . 1 automatic advance system
(guide tube Ø 1mm)
- . 1 iron 80W
- . 1 Iron ring holder + iron holder

Accessories :

- . 1 guide tube Ø 0.51 ref.1030001227
- . 1 guide tube Ø 0.7 ref.1030001228
- . 1 guide tube Ø 1.0 ref.1030001229



QUICK HEAT IRON

REFERENCE

TQ95S Soldering iron dual power with fast heat 20-105w

TQ77 Soldering iron dual power with fast heat 20-105w
Gun version

GAS IRON

REFERENCE

PRO 100 KIT Complete kit with 3 tips / 1 nozzle
piezzo ignition 1300°C max. **Autonomy 120 minutes**

PRO 120 KIT Complete kit with 2 tips / 1 nozzle
piezzo ignition 1300°C max. **Autonomy 200 minutes**

ACCESSORIES

REFERENCE

TEMPERATURE CONTROLLERS

XY191 Temperature measuring device 0 - 600°C RoHS standards
191-211 Set of 10 thermocouples

POT21C Tinning pot Ø36mm h=36mm t°max.530°C
STANDARD VERSION

POT22C Tinning pot Ø36mm h=36mm t°max.530°C
LEAD FREE VERSION





DESOLDERING IRON

COMPLETE DESOLDERING STATION



REFERENCE

Nozzles page 10

Desoldering Station 100W 24V programmable set

DPA 100 Self contained with display
Code : 1011001043 Desoldering iron 100W

DVA 100 Venturi (ext.compressed air) with display
Code : 1011001044 Desoldering iron 100W



Complete soldering/ desoldering Station Self contained programmable set

DUAL DPA 100 1 Desoldering iron 100W + 1 soldering iron 50W
Code : 1011001009 Self contained with display

DUAL DVA 100 1 Desoldering iron 100W + 1 soldering iron 50W
Code : 1011001012 Venturi (ext.compressed air) with display

DUAL DPA 100M95 1 Desoldering iron 100W + 1 soldering iron 95W
Code : 1011001028 Self contained with display

DUAL DVA 100M95 1 Desoldering iron 100W + 1 soldering iron 95W
Code : 1011001025 Venturi (ext.compressed air) with display



SMD REPAIR

REFERENCE

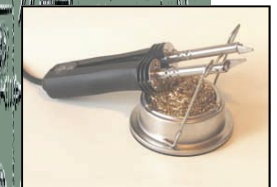
HOT TWEEZERS

XY226N Soldering/Desoldering plier for SMD & through components

HOT AIR GENERATOR + PENCIL

SMD313 Hot air station
Self contained 90w—T°C = 150°C to 480°C
Delivered with 2 holders

DISPENSER Glue applicator dispenser / solder paste
4 to 6 bars max.
Drip system
Delivered with a syringe holder and accessories kit



- Adaptator 6cc, 10cc ou 35cc
- Piston 6cc, 10cc ou 35cc
- Dipper 6cc, 10cc ou 35cc
- Syringe 6cc, 10cc ou 35cc
-

Inox needle length 12,7mm
Model 0,20 to 1,60mm



Polyethylene conical needle length. 31,75mm
Model 0,40 to 1,60mm



DESOLDERING UNITS



DESOLDERING NOZZLE



REFERENCE (Sold and packaged batch of 5 pieces)

NOZZLE Ø 4 for desoldering iron 50W ref. 4801 HIGH THERMAL TRANSFER

Ø Ext x Ø Int

1807 1.8mm x 0.7mm
Code : 1050001027

2010 * 2.0mm x 1.0mm
Code : 1050001030

2512 2.5mm x 1.2mm
Code : 1050001031

2815 2.8mm x 1.5mm
Code : 1050001032

2818 2.8mm x 1.8mm
Code : 1050001033

NOZZLE Ø 6 for desoldering iron 100W ref. 24701 HIGH THERMAL TRANSFER

Ø Ext x Ø Int

12008 2.0mm x 0.8mm
Code : 1050001003

12511 * 2.5mm x 1.1mm
Code : 1050001004

13016 3.0mm x 1.6mm
Code : 1050001005

13520 3.5mm x 2.0mm
Code : 1050001006

14025 4.0mm x 2.5mm
Code : 1050001007

NOZZLE Ø 6 for desoldering iron 100W ref. 24701 LONG LIFE

Ø Ext x Ø Int

12008.1 2.0mm x 0.8mm
Code : 1050001056

12511.1 2.5mm x 1.1mm
Code : 1050001052

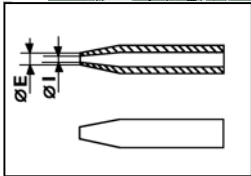
12513.1 2.5mm x 1.3mm
Code : 1050001055

13016.1 3.0mm x 1.6mm
Code : 1050001053

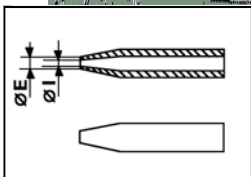
13520.1 3.5mm x 2.0mm
Code : 1050001054

* Original nozzle

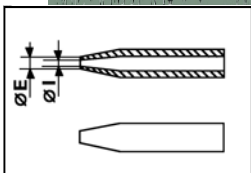
Email: info@ftm-technologies.com



NOZZLE Ø 4



NOZZLE Ø 6



NOZZLE Ø 6





DESOLDERING UNITS

DESOLDERING IRON UNIT & ACCESSORIES

REFERENCE

IRON ONLY

4801 Desoldering iron 50W 24V
Code : 1021001004

24701 Desoldering iron 100W 24V
Code : 1021001003

Works with all desoldering units :

- DPA
- DVA
- DUAL DPA
- DUAL DVA

IRON HOLDER

4681 For 50/100W desoldering iron
Code : 1.040.001015



MAINTENANCE ACCESSORIES

REFERENCE

For desoldering iron 4801 (50w) and 24701 (100w)

4433 Stainless steel sprinkler Ø 4mm for Iron 4801 (pack of 2)
Code : 1030001023

4435 Stainless steel sprinkler Ø 6mm for Iron 24701 (pack of 2)
Code : 1030001025

4434 Nylon sprinkler brush (pack of 2)
Code : 1030001024

4470 Plunger Ø 0.6mm (pack of 2)
Code : 1030001035

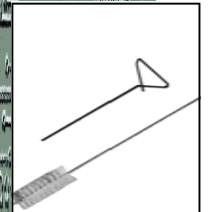
4471 Plunger Ø 1.2mm (pack of 2)
Code : 1030001036

4636 Metallic Filter (pack of 5)
Code : 1030001042

4638 Main Filter Felt (pack of 5)
Code : 1030001028

4640 Pyrex tube (pack of 2)
Code : 1030001042

4736 Cooling plate for tube (per unit)
Code : 1030001052



SOLDERING IRON 230V

SEMULTRA RANGE 230V (iron holder included 1031001015)

REFERENCE

Multi-use iron for small solder.
Specific voltage and power on request.

SEMULTRA 30W

835 Soldering iron with long life conical tip 1.0 mm
Tip ref. G1
code : 1022001010

SEMULTRA 40W

850 Soldering iron with long life straight tip 2.6 mm
Tip ref. 850-10DTX
code : 1022001012

SEMULTRA 55W

865 Soldering iron with long life curve tip 3.6 mm
Tip ref. 865-11C
code : 1022001014

SEMULTRA 75W

875 Soldering iron with long life « Buffalo » tip 3mm
Tip ref. 3513
Code: 1022001021

SEMULTRA 30/60W (formerly iron 825D)

30/60SP Soldering Iron Double Power with long life straight tip 2.5 mm
Tip ref. TMD625
code : 1022001006



OPTION

REFERENCE

POWER REGULATOR RP 500

For all soldering iron 220V-240V 50Hz
power regulator from 30 to 500W
code : 1010001077

Allow to set temperature of your iron.



TIP FOR SOLDERING IRON SEMULTRA 220V-240V

REFERENCE

For IRON SEMULTRA (30W)

P = pitch in mm LL = Long life
(Sold and packaged batch of 5 pieces)



G1* Cone-shaped LL straight P=1.0mm



G2 Cone-shaped LL straight P=0.5mm

L: 57 mm Ø5,15

G3 Screwdriver type LL straight P=2.5mm

*Original tip



Email: info@ftm-technologies.com

SOLDERING IRON 230V

TIPS FOR SOLDERING IRON SEMULTRA 230V

REFERENCE

For IRON SEMULTRA (40W) P = pitch in mm LL = Long life
(Sold and packaged batch of 5 pieces)

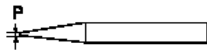
850-10DTX* Screwdriver type LL straight P=2.6mm
Code : 1051001041

850-11CTX Screwdriver type LL curve P=2.6mm
Code : 1051001042

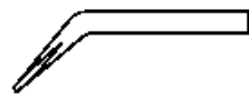
850-12DTX Screwdriver type LL straight P=4.6mm
Code : 1051001046

850-13DTX Screwdriver type LL straight P=1.6mm
Code : 1051001043

850-15DTX Screwdriver type LL straight P=0.8mm
Code : 1051001045



L=70 Ø 6mm

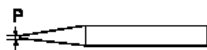


For IRON SEMULTRA (55W) P = pitch in mm LL = Long life
(Sold and packaged batch of 5 pieces)

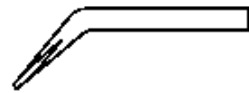
865-10D Screwdriver type LL straight P=2.6mm
Code : 1052001044

865-11C* Screwdriver type LL curve P=3.6mm
Code : 1052001045

865-12D Screwdriver type LL straight P=3.6mm
Code : 1052001046



L=75 Ø 8mm



For IRON (75W) P = pitch in mm LL = Long life
(Sold and packaged batch of 5 pieces)

3513* Buffalo Type P=3.0mm
Code: 1051001018

3515 Buffalo Type P=5.0mm
Code: 1051001019



L=65mm Ø 8mm

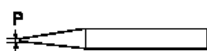
For IRON 30/60SP (30W) and (60W) P = pitch in mm LL = Long life
(Sold and packaged batch of 5 pieces)

TMD610* Cone-shaped LL straight P=1.0mm

TMD615 Cone-shaped LL straight P=1.5mm

TMD625* Screwdriver type LL straight P=2.5mm

TMD640 Screwdriver type LL straight P=4.0mm



L=75mm Ø 6mm

*Original tip



SOLDERING IRON MAIN-OPERATED 230V

HIGH POWER RANGE 230V (iron support included)

REFERENCE

High power Iron for large soldering masse and large solder .
Specific voltage and power on request. Iron delivered «**without Tip**»

FP100 (100W)

FP100 Soldering iron 100W
code : 1023001002

FP150 (150W)

FP150 Soldering iron 150W
code : 1023001005

FP200 (200W)

FP200 Soldering iron 200W
code : 1023001007

FP250 (250W)

FP250 Soldering iron 250W
code : 1023001009

FP300 (300W)

FP300 Soldering iron 300W
code : 1023001011

FP400 (400W)

FP400 Soldering iron 400W
code : 1023001013

FP500 (500W)

FP500 Soldering iron 500W
code : 1023001015

POWER REGULATOR RP 500

For all soldering iron 220V-240V
50Hz, from 30 to 500W
code : 1010001077



Allow to set temperature of your iron.

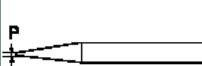


TIP FOR HIGH POWER SOLDERING IRON 230V

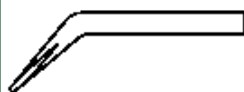
REFERENCE

For IRON FP100 (100W)

P= Extremity in mm CB= Copper Raw CN= Copper Nickel LL= Long life



201-11C Screwdriver type LL curve P=5.5mm
Code : 1053001003



201-31C Screwdriver type CB curve P=5.5mm
Code : 1053001005

L=117mm Ø 9,5

201-40D Screwdriver type CN straight P=5,5mm
Code : 1053001006

202-41C Screwdriver type CN curve P=5.5mm
Code : 1053001007



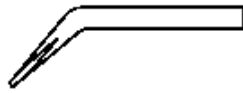
SOLDERING IRON 220V-240V

TIP FOR HIGH POWER SOLDERING IRON 220V-240V

REFERENCE

For IRON FP150 (150W)

P= Extremity in mm CB= Copper Raw CN= Copper Nickel LL= Long life



L=130mm Ø 11,5

202-11C Screwdriver type LL curve P=7.5mm
Code : 1053001009

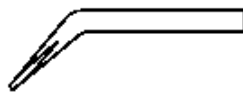
202-31C Screwdriver type CB curve P=7.5mm
Code : 1053001011

202-41C Screwdriver type CN curve P=7.5mm
Code : 1053001014



For IRON FP200 & FP250 (200W & 250W)

P= Extremity in mm CB= Copper Raw CN= Copper Nickel LL= Long life



L=155mm Ø 13,5

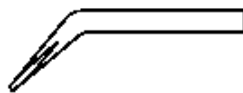
365-30C Screwdriver type CB curve P=14mm
Code : 1053001017

365-40C Screwdriver type CN curve P=14mm
Code : 1053001021

365-11C Screwdriver type LL curve P=14mm
Code : 1053001015

For IRON FP300 (300W)

P= Extremity in mm CB= Copper Raw CN= Copper Nickel LL= Long life



L=170mm Ø 17,5

405-30C Screwdriver type CB curve P=17.5mm
Code : 1053001024

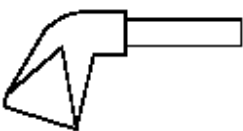
405-40C Screwdriver type CN curve P=17.5mm
Code : 1053001027

405-10C Screwdriver type LL curve P=17.5mm
Code : 1053001032



For IRON FP400 & FP500 (400W & 500W)

P= Extremity in mm CB= Copper Raw CN= Copper Nickel LL= Long life



Ø17,5

405-32M Matrixed hammer type CB P=45mm
Code : 1053001026

405-42M Matrixed hammer type CN P=45mm
Code : 1053001029

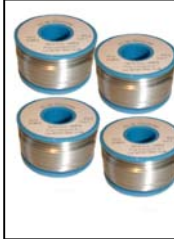
405-12M Matrixed hammer type LL P=45mm
Code : 1053001036

Nota : ask us for custom tips

Email: info@ftm-technologies.com

CONSUMABLES

SOLDERING—BRAZE



REFERENCE

LEAD ALLOY - ACTIVE FLUX— MELTING TEMPERATURE 183°C

Sn 60 Pb 40 code : ESO33	Soldering wire Ø 0.5 mm	COIL OF 500G
Sn 60 Pb 40 code : ESO47	Soldering wire Ø 0.7 mm	COIL OF 500G
Sn 60 Pb 40 code : ESO34	Soldering wire Ø 0.8 mm	COIL OF 500G
Sn 60 Pb 40 code : ESO35	Soldering wire Ø 1.0 mm	COIL OF 500G
Sn 60 Pb 40 code : ESO44	Soldering wire Ø 1.5 mm	COIL OF 500G
Sn 60 Pb 40 code : ESO48	Soldering wire Ø 2.0 mm	COIL OF 500G
Sn 60 Pb 40 Code : ESO16	Soldering wire Ø 3.0 mm	COIL OF 3KG

ALLOY WITHOUT CLEANING - Sn60/Pb40 - COIL OF 500G

ESR100 ø 0.3mm (coil of 100g) - **ESR101** ø 0.5mm - **ESR102** ø 0.7mm
ESR103 ø 1.0mm - **ESR104** ø 1.5mm



UNLEADED ALLOY ACTIVE FLUX— MELTING TEMPERATURE 217°C

Sn99.3 Cu0.7 code : ESP001	Soldering wire Ø 0.3 mm	COIL OF 100g
Sn99.3 Cu0.7 code : ESP005	Soldering wire Ø 0.5 mm	COIL OF 500g
Sn99.3 Cu0.7 code : ESP009	Soldering wire Ø 0.7 mm	COIL OF 500g
Sn99.3 Cu0.7 code : ESP014	Soldering wire Ø 1.0 mm	COIL OF 500g
Sn99.3 Cu0.7 code : ESP018	Soldering wire Ø 1.5 mm	COIL OF 500g
Sn99.3 Cu0.7 code : ESP021	Soldering wire Ø 2.0 mm	COIL OF 500g
Sn99.3 Cu0.7 code : ESP025	Soldering wire Ø 3.0 mm	COIL OF 3Kg

ALLOY HIGH TEMPERATURE - Activating flux—Sn5 Pb93.5 Ag1.5 MELTING TEMPERATURE 296°C to 301°C - Coil of 500g

Soldering wire: **ESO90** ø 0.7mm - **ESO92** ø 1mm - **ESO91** ø 1.5mm



CONSUMABLES

SOLDER - SOLDERING



REFERENCE

UNLEADED ALLOY - SAC305 - SILVER TIN COOPER ACTIVE FLUX- MELTING TEMPERATURE 217°C

Sn96.5 Ag3.0 Cu0.5 code : ESP150	Soldering wire Ø 0.3 mm	COIL OF 100G
Sn96.5 Ag3.0 Cu0.5 code : ESP155	Soldering wire Ø 0.5 mm	COIL OF 500G
Sn96.5 Ag3.0 Cu0.5 code : ESP159	Soldering wire Ø 0.7 mm	COIL OF 500G
Sn96.5 Ag3.0 Cu0.5 code : ESP164	Soldering wire Ø 1.0 mm	COIL OF 500G
Sn96.5 Ag3.0 Cu0.5 code : ESP171	Soldering wire Ø 2.0 mm	COIL OF 500G



ALLOY WITHOUT CLEANING - Sn96.5 Ag3.0 Cu0.5- COIL OF 500G

ESP655 Ø 0.5mm - **ESP659** Ø 0.7mm - **ESP664** Ø 1mm - **ESP668** Ø 1.5mm
Other alloy and diameter on request

Solder paste pot of 250g: lead ref ESC001 - leadfree ref ESP703

DESOLDERING BRAID

REFERENCE

COOPER DESOLDERING BRAID

ECU01	1.6M x 0.8mm
ECU02	1.6M x 1.5mm
ECU03	1.6M x 2.0mm
ECU04	1.6M x 2.5mm
ECU05	3M x 1.5mm
ECU06	3M x 2.0mm
ECU07	3M x 2.5mm
ECU08	30M x 1.5mm
ECU09	30M x 2.0mm
ECU10	15M x 2.5mm



CONSUMABLES

KAPTON®

REFERENCE

TAPE KAPTON® ADHESIV ROLL

KAP0	3mm x 33M	KAP5	15mm x 33M
KAP1	5mm x 33M	KAP6	19mm x 33M
KAP2	6mm x 33M	KAP7	25mm x 33M
KAP3	9mm x 33M	KAP8	50mm x 33M
KAP4	12mm x 33M		



KAPTON® ADHESIV CHIP

KAP101	4mm - 4500 chips	KAP104	9mm - 2500 chips
KAP102	6mm - 3500 chips	KAP105	10mm - 2200 chips
KAP103	8mm - 2500 chips	KAP106	12mm - 2000 chips

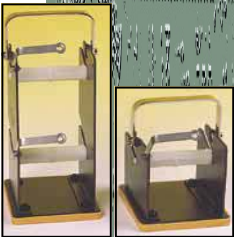


Other sizes, non-adhesiv, kapton® foil any size on request.

ACCESSORIES

REFERENCE

ST51A	Solder dispenser 1 roll Axe Ø10
ST52A	Solder dispenser 2 rolls Axe Ø10
CT60ESD	ESD Dispenser bottle of professional solvent
OKD20	Bottle with 3 needles
CT004	Bottle with brush width 14mm
BON102	Antistatic Pen applicator with thin brush
XY460	Tip cleaner
XY459	Reload for tip cleaner
BS-2	Lead free tip renovator
PM21	Peelable mask lead alloy
PM22	Peelable mask lead free alloy
KX200	Resin flux 250ml-1L-10L
FLUX 45	Flux without residual 250ml-1L-10L



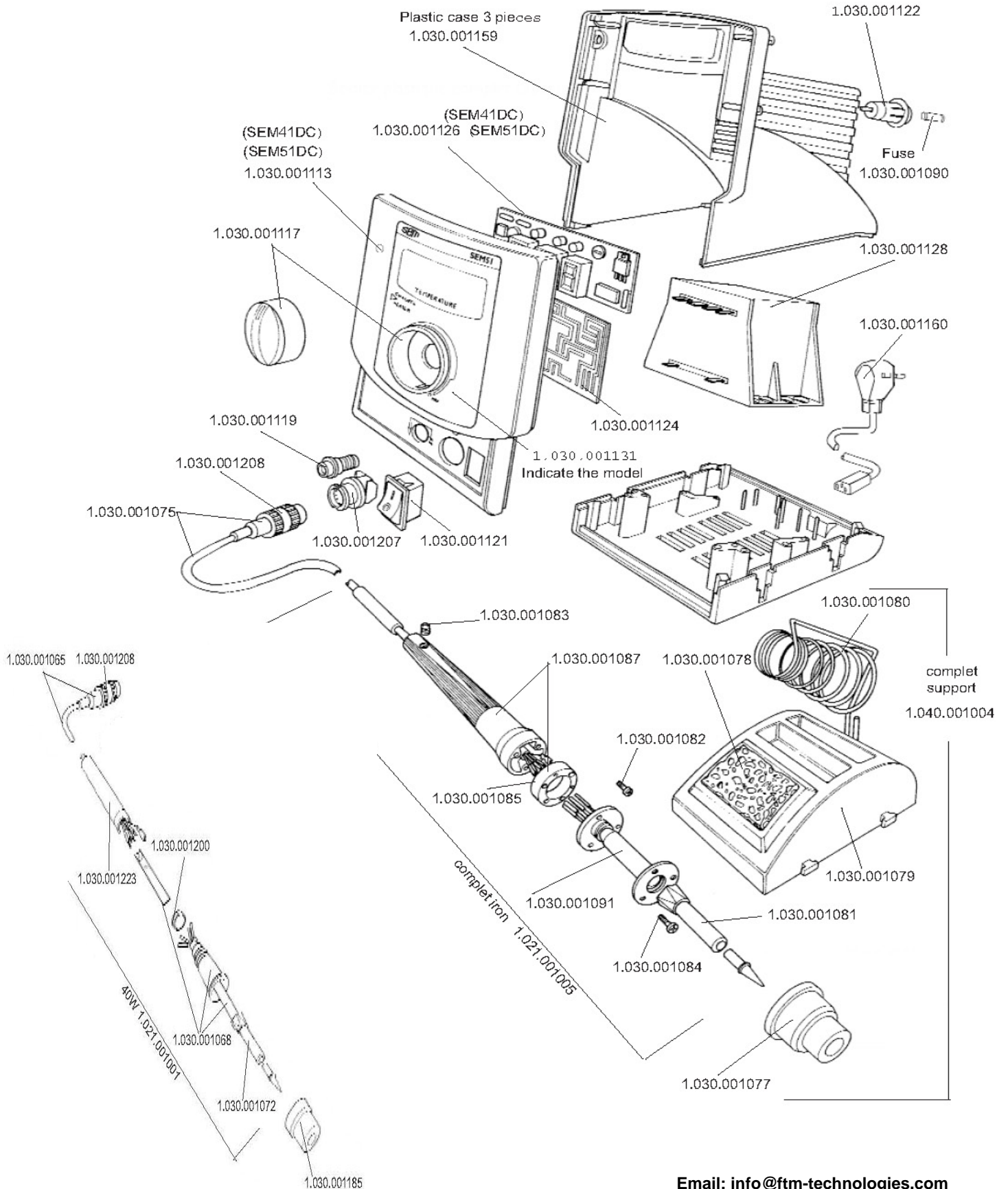
We also provide workshops tools such as tweezers, pliers... and antistatic tools too



EXPLODED VIEW

SPARE PARTS

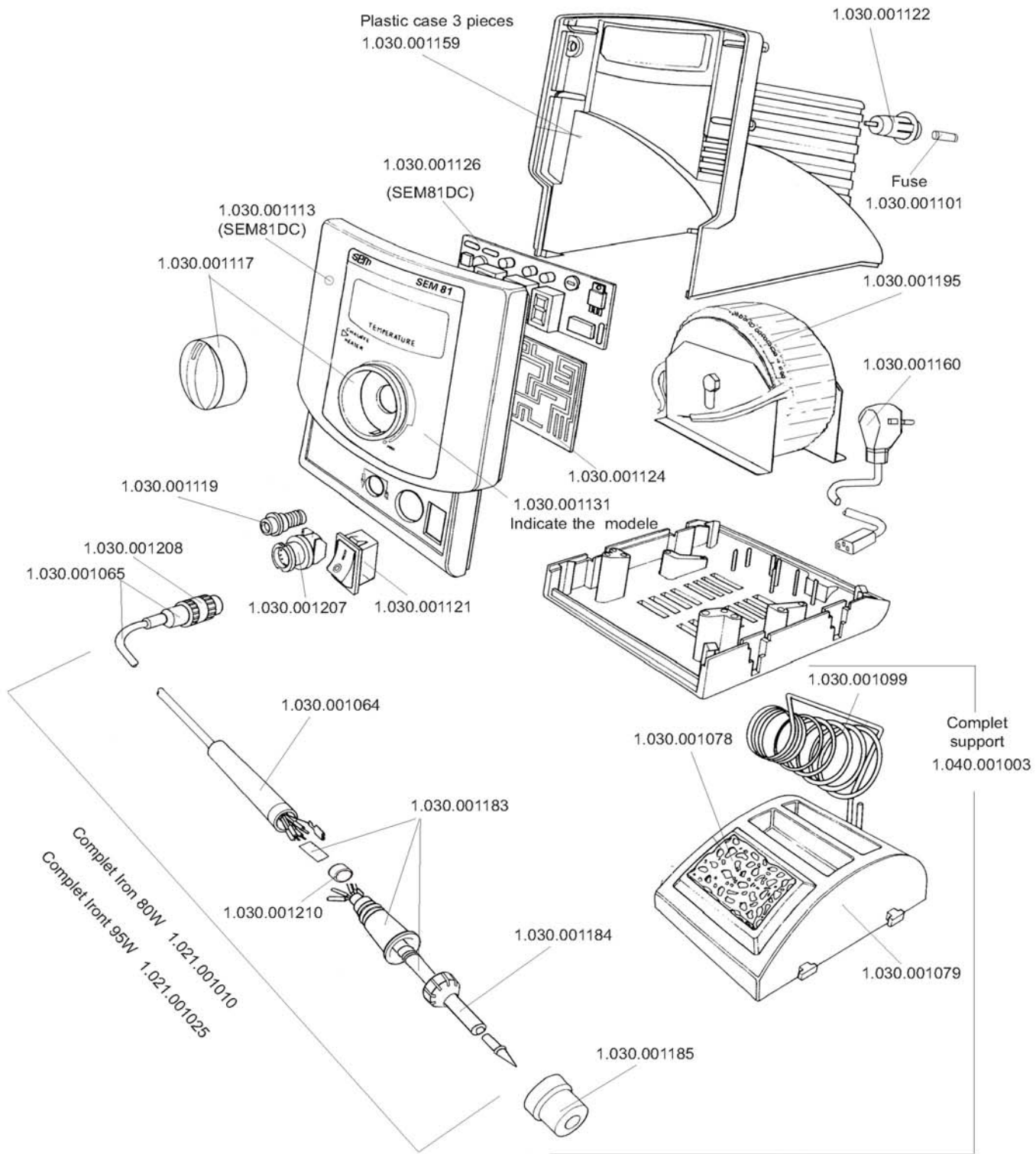
THERMOREGULATED SOLDERING SEM 40D/50D / 41DC/ 50DC



Email: info@ftm-technologies.com

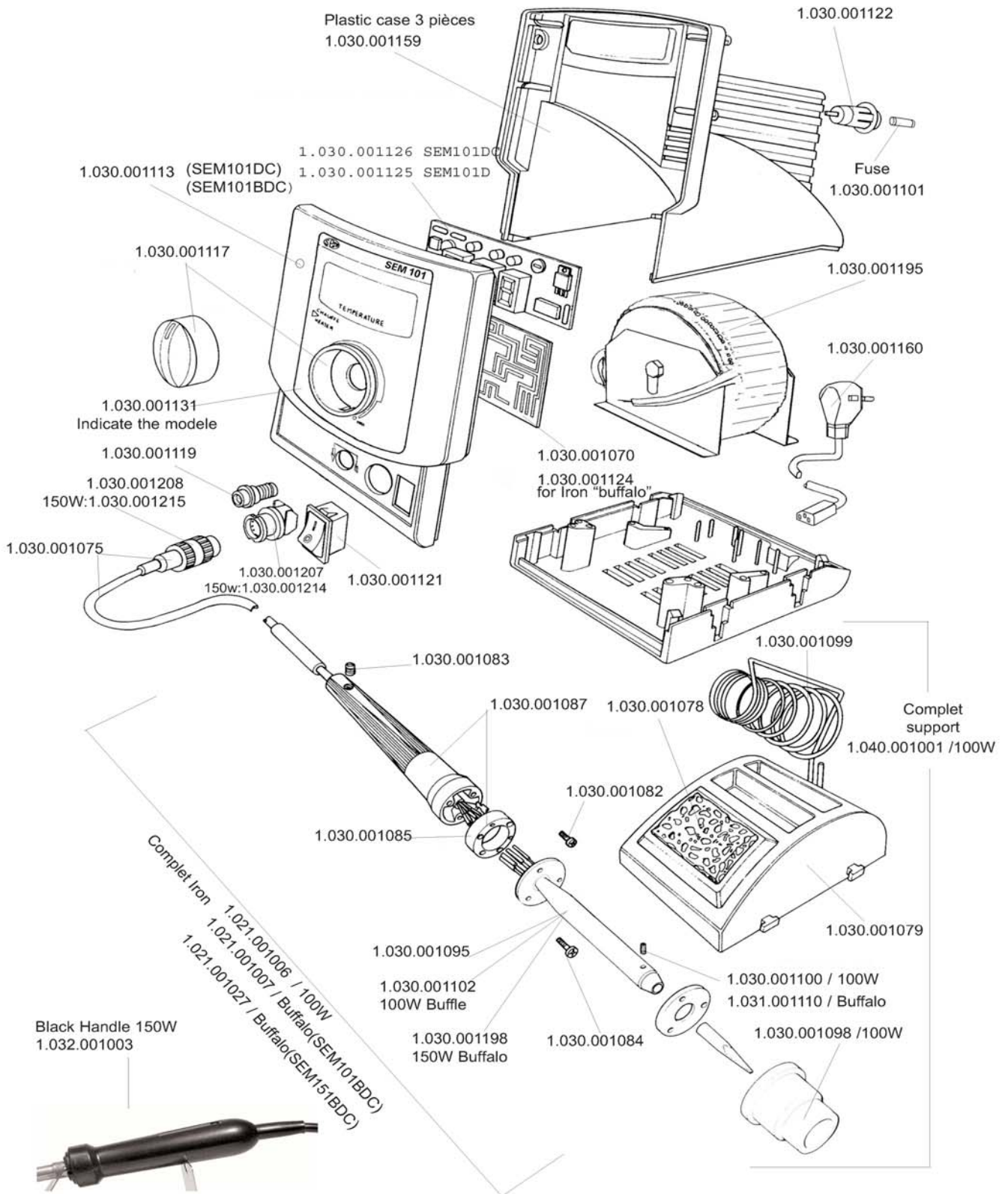
EXPLODED VIEW

SPARE PARTS THERMOREGULATED SOLDERING SEM 80D / 95D / 81DC / 95 DC



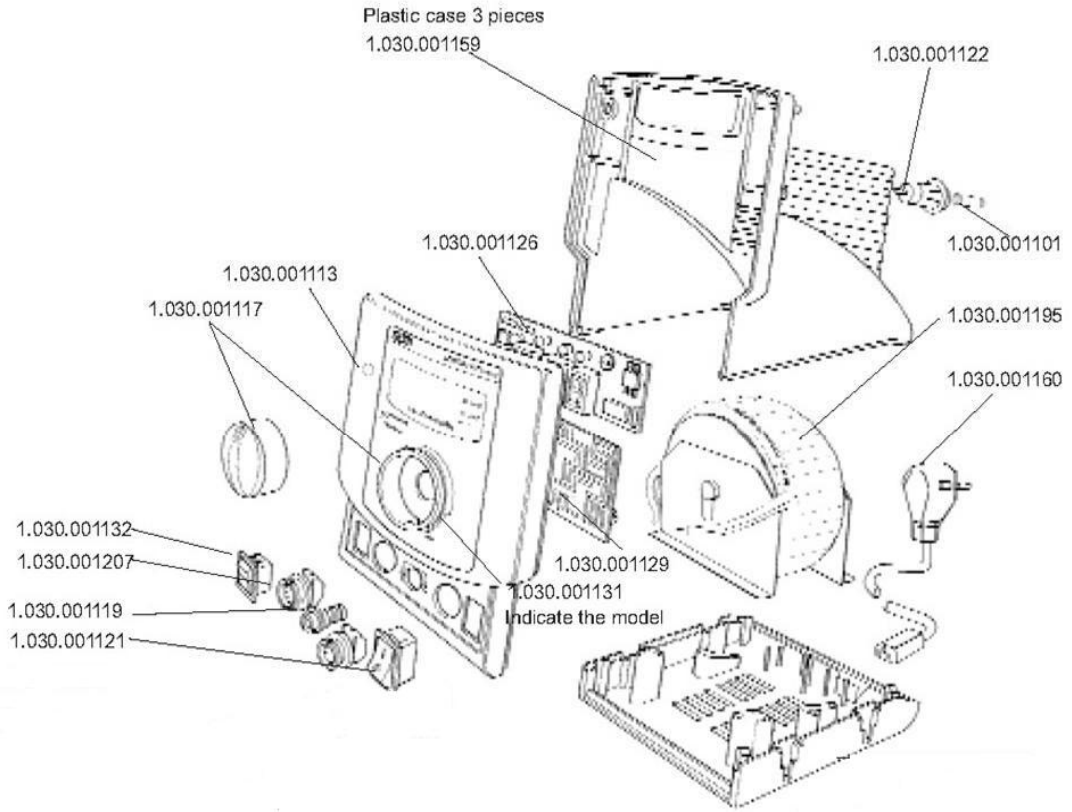
EXPLODED VIEW

SPARE PARTS THERMOREGULATED SOLDERING SEM 100D / 100BD / 101DC / 101BDC / 151BDC



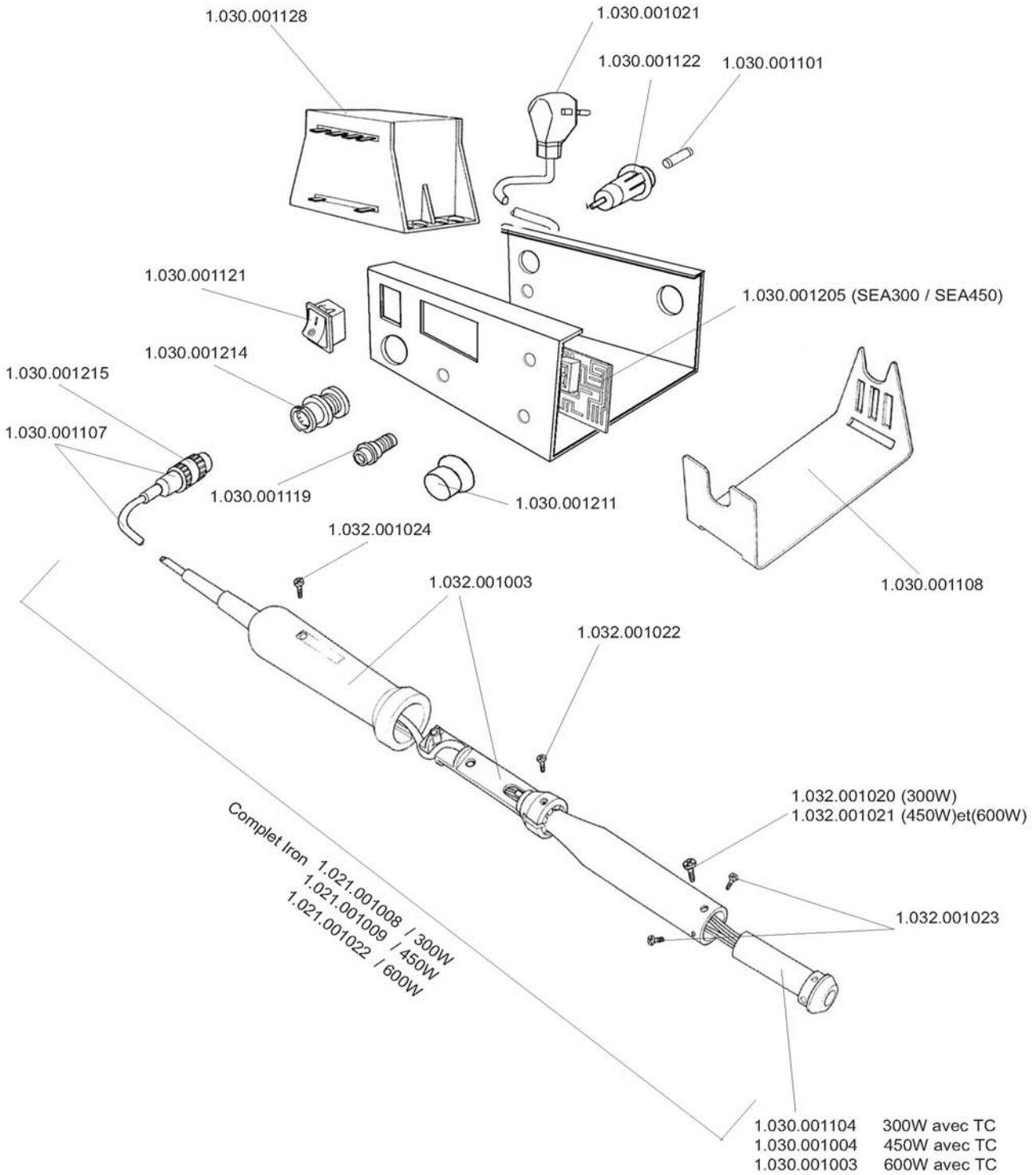
EXPLODED VIEW

SPARE PARTS THERMOREGULATED SOLDERING DUAL DC / TWIN



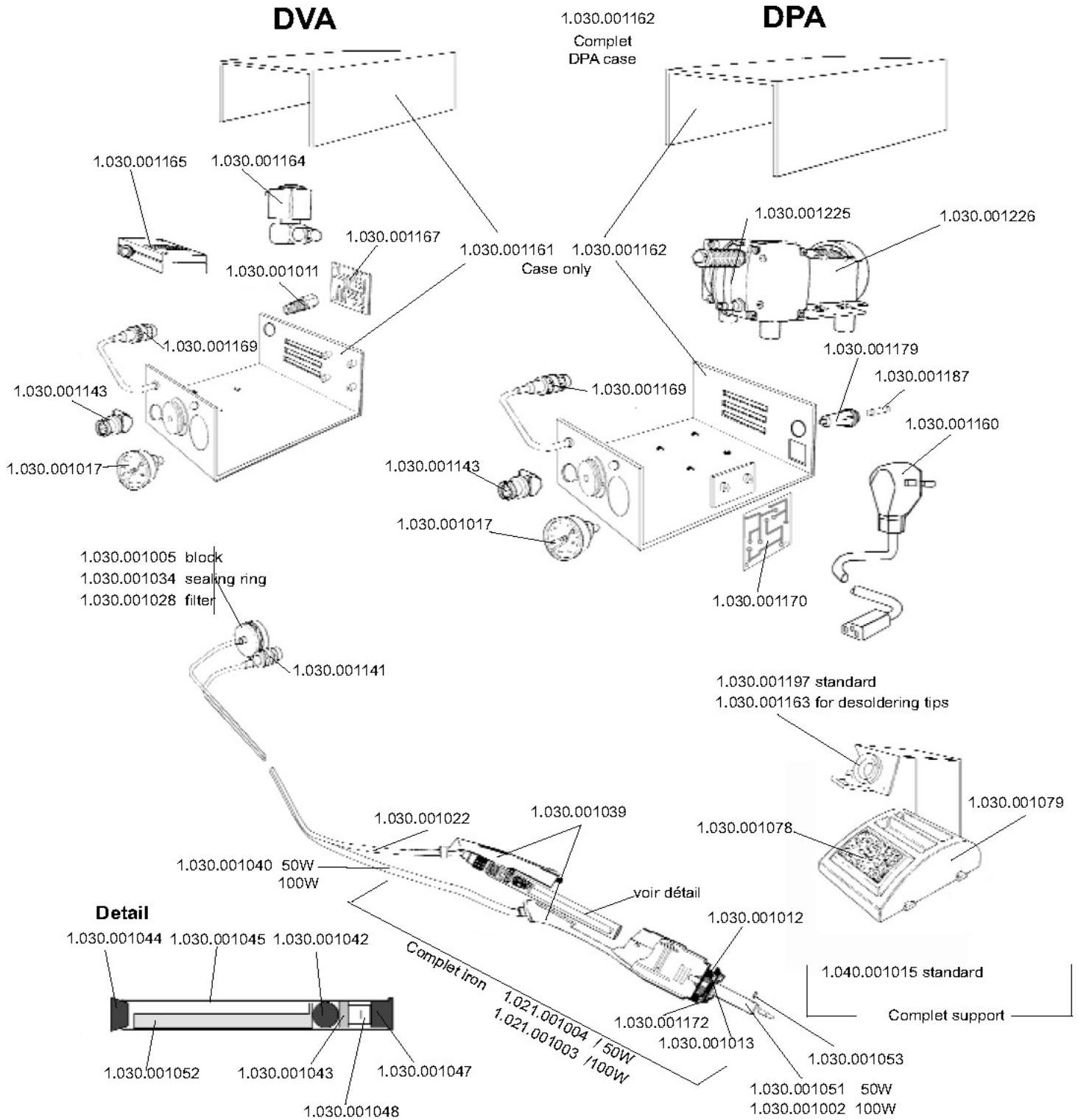
EXPLODED VIEW

SPARE PARTS THERMOREGULATED SOLDERING SEA300 / SEA450 / SEA600



EXPLODED VIEW

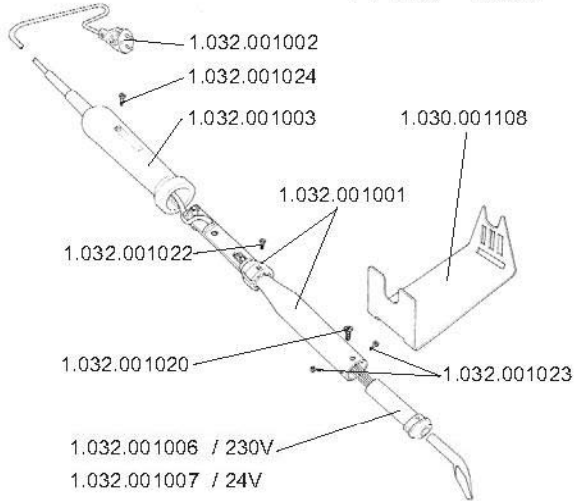
SPARE PARTS MODULES DVA (Venturi) and DPA (vaccum self contained)



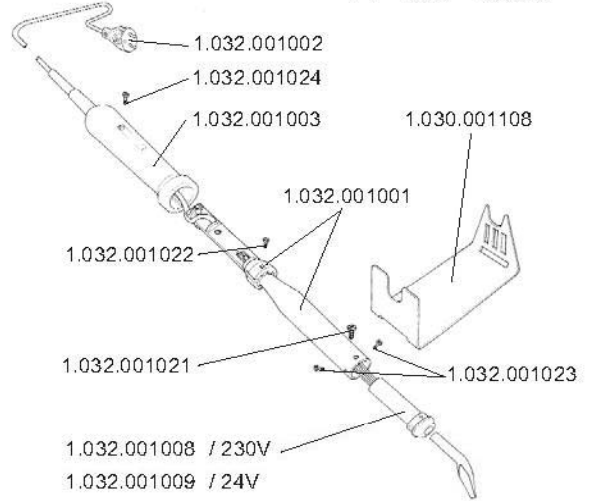
EXPLODED VIEW

SPARE PARTS HIGH POWER SOLDERING IRONS FP100 / FP500

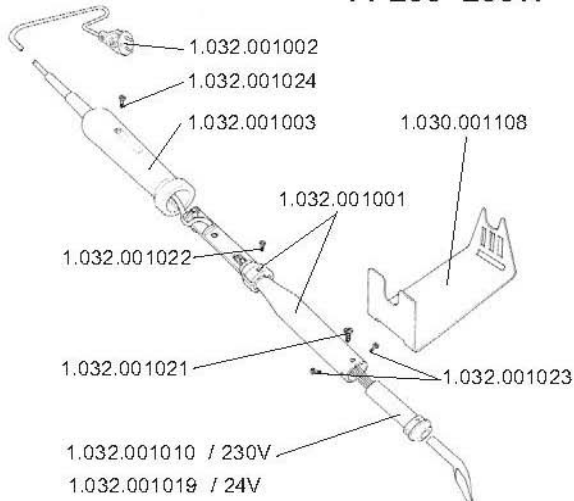
FP100 100W



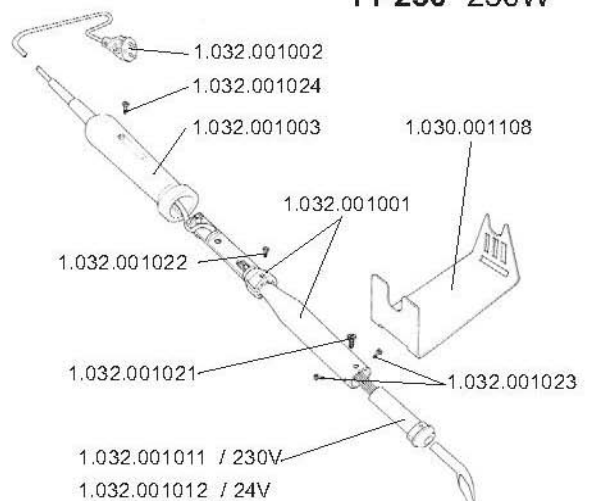
FP150 150W



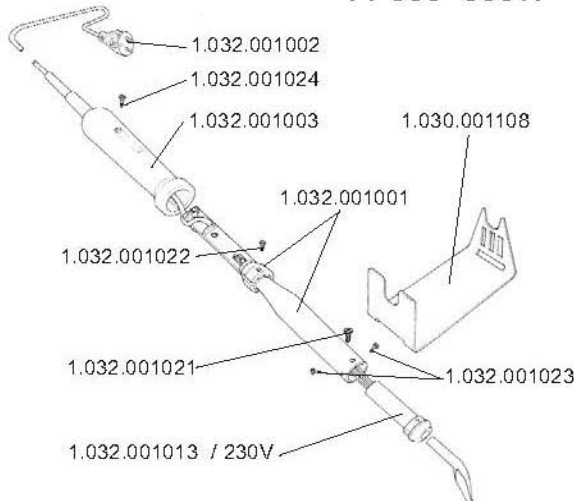
FP200 200W



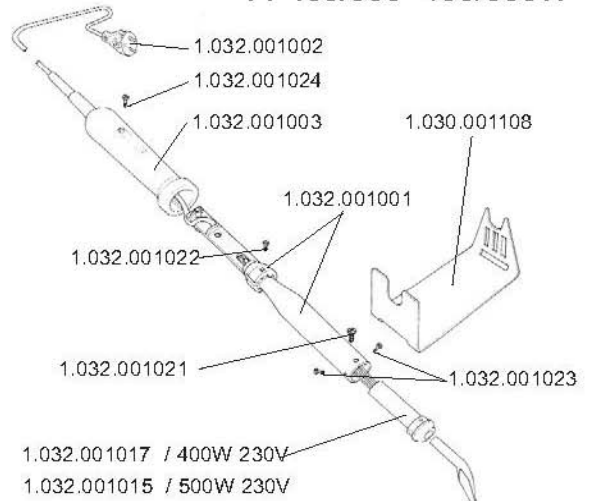
FP250 250W



FP300 300W



FP400/500 400/500W



CODE LISTING (EXPLODED VIEWS)

CODE	REFERENCE	DESIGNATION	PAGE
1010001028	DUAL DC SF	DUAL SOLDERING STATION(only)	HC
1010001040	SEM 50 D.AVS	SOLDERING STATION 50W + SOLDER FEEDER	HC
1010001097	SEM8- 1DCAVS	STATION with display 80W PROG+SOLDER FEEDER	HC
1010001102	SEM81DAVS	SOLDERING STATION with display 80W ADV SOLD	HC
1021001001	1601	MICRO-IRON 40W.24V.PLD 3603	E6
1021001003	D10-24701	DESOLDERING IRON 100W 24V	E8,-
1021001004	D123-4801	DESOLDERING IRON 50W 24V	11,E8-
1021001005	SE2501	SOLDERING IRON 50W 24V	E3,E6,E7,
1021001010	1801	REPLACEMENT MICRO-IRON 80W 24V ESD	6,E4-E6
1021001025	2101	REPLACEMENT MICRO-IRON 95W 24V ESD	6.E4
1030001002	D10-24702	HEATING ELMT 100W 24V (DESOLD.IRON 24701)	E8,-
1030001003	SE602X	HEATING ELMT 550W 230V	E7
1030001004	SE502X	HEATING ELMT 450W 230V	E7
1030001005	D123-2170	FULL METAL BLOCKER FILTER	E8-
1030001011	D123-4056	BULKHEAD VENTURI	E8,
1030001012	D123-4344	Screw FIX.HEAT. DESS. (pack of 10)	E8-
1030001013	D123-4345	Screw FIX.ISOL ring. D-I. (pack of 10)	E8-
1030001017	D123-4410	BLACK GAUGE -1 BAR	E8,-
1030001021	D123-4426	POWER CORD 1m60	E7
1030001022	D123-4427	SUCTION PIPE NON-COMB. 1,6m	E8-
1030001028	D123-4438	MAIN FELT FILTER (pack of 5)	E8-
1030001034	D123-4451	O-RING FILTER (pack of 2)	E8-
1030001039	D123-4604	COMPLETE DESOLDERING HANDLE (4 PIECES)	E8 -
1030001040	D123-4625	CORD + PLAQ. & SWITCH FOR DESOLD-IRON	E8 -
1030001042	D123-4636	METAL FILTER (pack of 5)	E8-
1030001043	D123-4637	FELT FILTER (pack of 10)	E8 -
1030001044	D123-4639	CONICAL SILICON SEAL (pack of 4)	E8--
1030001045	D123-4640	PYREX TUBE 118MM (pack of 2)	E8--
1030001047	D123-4649	CYLINDRICAL SILICON SEAL(pack of 2)	E8--
1030001048	D123-4651	FILTER ECONOMIZER FOR SOLD-IRON 4701/4801	E8--
1030001050	4700	REPLACEMENT KIT DESOLD.50W	E8---
1030001051	D123-4702	HEATING ELMT. 50W 24V DESOLD 4801	E8--
1030001052	D123-4736	COOLING PLATE for tube 118mm	E8--
1030001053	D123-4743	SCREW STAINLESS STEEL NOZZLE	E8
1030001064	MF80	ESD HANDLE FOR 80W IRON	E4-E6
1030001065	MF40/1425	5c. NON COMBUSTIBLE CORD + CONNECTOR 1m50	E3-E6
1030001068	MF40/1502	HEATING ELMT. FOR 1601 IRON +setting circuit	E3-E6
1030001070	S056	REGUL CIRCUIT FOR 100W STATION (3401/510°)	E5
1030001072	MF40/1540	STEATH INOX for 1601	E6
1030001075	SE2425	NON COMB, CORD 5 C. DIN FOR 2401/2501 IRON	E3,E5-E7,
1030001077	SE2431	HI TEMP PLASTIC RING for IRON 2501 SUPPORT	E3,E6-E7,
1030001078	SE2432	SPONGE for TIP cleaning (pack of 5)	E3-E7,E8
1030001079	SE2433	PLASTIC SUPPORT and SPONGE	E3-E7,E8
1030001080	SE2434	SPRING FOR SUPPORT (1601/2501)	E3-E6-
1030001081	SE2440	STEATH INOX FOR IRON TX 2401/2501	E3,E6,E7

CODE LISTING (EXPLODED VIEWS)

CODE	REFERENCE	DESIGNATION	PAGE
1030001082	SE2441	SCREW FIX. ISOL. RING 4mm (pack of 10)	E3,E5-E7
1030001083	SE2442	SCREW NYL CORD STOP (pack of 10)	E3,E5-E7
1030001084	SE2443	SCREW FIX. HEATING. 4mm (pack of 10)	E3,E5-E7
1030001085	SE2451	INSULATING RING FOR THERMO. IRON	E3,E5-E7
1030001087	SE2454	ESD HANDLE + INSULATED RING	E3,E5-E7
1030001090	SE2460	DELAYED FUSE 0,315A 50W (pack of 10)	E3
1030001091	SE2502	HEATING ELMT. +TC 50W 24V IRON	E3,E6-E7
1030001095	SE3402	HEATING ELMT. +TC 100W 24V IRON	E5
1030001098	SE3431	HI TEMP PLASTIC RING for 100W IRON SUPPORT	E5
1030001099	SE3434	SPRING FOR 100W SUPPORT	E4,E5
1030001100	SE3442	SCREW FOR FIX TIP 3401/3501 (pack of 10)	E5
1030001101	SE3460	DELAYED FUSE 5*20 1,6A (pack of 10)	E4---
1030001102	SE3502	HEATING ELMT.+TC FOR 100W BUFFALO IRON	E5
1030001104	SE402	HEATING ELMT.+TC FOR 300W TH 230V	E7
1030001107	SE425	NON COM. CORD 5C. DIN plug L 2meters	E7
1030001108	SE430	SUPPORT FOR ALL POWER IRONS	E7,E9
1030001113	SE5021B	PRESS BUTTON FOR DC SOLDERING STATION.	E3,E6
1030001117	SE5051	COMPLETE BUTTON FOR STATION	E3-E6,
1030001119	SE5053	EQUIPOTENTIAL EARTHING TERMINAL	E3-E7,
1030001121	SE5054	MAIN SWITCH (0/I) FOR STATION	E3-E7,
1030001122	SE5055	FUSE HOLDER	E3,E7
1030001124	SE5056	REGUL CIRCUIT FOR 100W BUFFALO STATION	E3-E5,-
1030001125	SE5057D	DISPLAY CIRCUIT FOR DATA STATION	E3,E5,
1030001126	SE5057DC	DISPLAY CIRCUIT FOR DATA CONTROL STATION	E3-E6,-
1030001128	SE5058	TRANSFORMER 50VA	E3,E7
1030001129	SE5059	REGUL. CIRCUIT FORTWIN AND DUAL STATION	E6,
1030001141	B6480	6 c. CONNECTOR FOR DESOLDERING IRON	E8-
1030001143	B4925	6 c. SOCKET FOR DESOLDERING	E8-
1030001150		101 DC BLOC STATION	HC
1030001152		50 D BLOC STATION	HC
1030001153		100 D BLOC STATION	HC
1030001156		51 DC BLOC STATION	HC
1030001159	SE5063	ESD ABS BOX FOR STATION (3 PIECES)	E3-E6
1030001160	SE 4626	CEE CORD 2 + T	E3 - E6,E8
1030001161	SE 5250	ESD BOX FOR UNIT DVA (2 parts)	E8
1030001162	SE 5251	ESD BOX FOR UNIT DPA (2 parts)	E8
1030001164	SE 4851	SOLENOID FOR DVA	E8
1030001165	SE 5550	VACUUM GENERATOR DESOLD.10/10 24 l/mn	E8
1030001167	SE 4846	PRINTED CIRCUIT DVA	E8
1030001169	SE 4825	CONNECTING CORD FOR DVA AND DPA	E8
1030001170	SE4842	REGUL. CIRCUIT FOR DPA VACUUM PUMP	E8
1030001172	D123-4841	SEALED RING DESOLD. IRON	E8-

CODE LISTING (EXPLODED VIEWS)

CODE	REFERENCE	DESIGNATION	PAGE
1030001179	D123-4055	FUSE HOLDER	E8
1030001183	MF80/1802	HEATING ELMT. IRON 1801 + Connect. Circuit	E4,E6
1030001184	MF80/1840	STEATH FOR MICRO IRON SEM 80 / 81	E4,E6
1030001185	MF80/1831	TEFLON RING FOR IRON 40W AND 80W	E4,E6
1030001186	MF95/2102	HEATING ELMNT. 95W	E4
1030001187	SE3860	DELAYED FUSE 5*20 0.63A.(pack of 10)	E8,-
1030001195	SE5608	TOROIDAL TRANSFORMER 120VA 230/24V	E4-E6,
1030001197	SE4832	TEFLON RING WITH 3 FIXING HOLES	E8-
1030001198	SE3612	HEATING ELMT FOR THERM. IRON 150W 24V 3601	E5
1030001205	SE3507	REGUL. CIRCUIT with DISPLAY SEA300/SEA450	E7
1030001207	SE5052	5 c SOCKET FOR SOLDERING STATION	E3-E7,
1030001208		5 c. CONNECTOR FOR SOLDERING IRON	E3-E7,
1030001210		IDENTIFICATION RING 80W IRON	E6
1030001211		SETTING METAL KNOB FOR HIGH POWER STATION	E7,E7
1030001214		5 C. SOCKET FOR HIGH POWER STATION	E5,E7
1030001215		5C CONNECTOR FOR HIGH POWER TH IRON	E5,E7
1030001219	SEA600XSF	SEA STATION (w/o Iron)	HC
1030001223	MF 40	ESD HANDLE FOR 40W MICRO IRON	E4-E6
1030001225	048.025	KIT OF SPARE PARTS FOR VACUUM PUMP 811	HC
1030001226	1020-811	VACUUM PUMP FOR DESOLDERING	E8
1031001015	SE1434	IRON SUPPORT 820 to 865 SEMULTRA IRON	HC
1031001110	SE4343	STAINLESS SCREW M4x4 for IRON TIP 865/3501(for 10)	E5
1032001002	FP4526	SUPPLY CORD 3*0.75 HO5RRF FOR FP100 /400 IRON	E9
1032001003	M3204	HANDLE FOR FP100 to 400 IRON and 3601 150W IRON	E5,E7,E9
1032001006	R231/201A	HEATING ELMT. FP100 100W. 230V.	E9
1032001007	R231/201F	HEATING ELMT. FP100 100W. 24V.	E9
1032001008	R232/202A	HEATING ELMT. FP150 150W. 230V.	E9
1032001009	R232/202F	HEATING ELMT. FP150 150W. 24V.	E9
1032001010	R305/365CA	HEATING ELMT. FP200/365 200W. 230V.	E9
1032001011		HEATING ELMT. FP250 250W. 230V.	E9
1032001012		HEATING ELMT. FP250 250W. 24V.	E9
1032001013	R307/405A	HEATING ELMT. FP300/405C 300W. 230V.	E9
1032001015	R309/405AA	HEATING ELMT. FP500/450M 500W. 230V.	E9
1032001017	R310/405A	HEATING ELMT. FP400/405 400W. 230V.	E9
1032001019	R305/365CF	HEATING ELMT. FP200 200W 24V	E9
1032001020	FP5344	SCREW FIXATION TIP FP100 (pack of 10)	E7,E9
1032001021	FP5343	SCREW FIXATION TIP FP150/400 (pack of 10)	E7,E9
1032001022	FP5342	TORX SCREW FOR TUBE FP100/500 (pack of 10)	E7,E9
1032001023	FP5345	SCREW FOR HEATING ELMT. FP100/500 (pack of 10)	E7,E9
1032001024	FP5341	SCREW for HANDLE FP (pack of 10)	E7,E9
1040001001	RF100150	COMPLETE SUPPORT FOR 100W IRON	E5
1040001003	RF41150PE	COMPLETE SUPPORT FOR 40/80W IRON	E4,E6
1040001004	RF50150PE	COMPLETE SUPPORT FOR SEMULTRA IRON	E3,E6,E7,
1040001015	D123-4681	COMPLETE SUPPORT FOR DESOLDERING IRON	E8,-

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78,rue Raymond Poincaré 92000 NANTERRE FRANCE

Tél: +33 1 40 86 00 09 Fax: +33 1 40 86 16 45

Sarl au capital de 64296€-Siret 429 408 164-APE4669C-TVA/VAT:FR96429408164

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