

Products

Soldering related equipment and materials/Solder feed system

HAKKO 374 **ESD SAFE**
SOLDER FEEDER



Automatic solder feeder with the solder balling preventive function
V-groove put on solder surface reduces the splash of solder and flux
Solder feed time and speed are settable

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[> Manuals / SDS / Engineering documents](#)

Available in:



Features

Packing List / Specifications

Soldering Tip / Nozzle

Replacement Parts / Option

Maintenance

Features

The solder feed time and speed can be set.

! **φ1.6 Lead-free solder is NOT available for use.**

Can adjust solder feed time and feed speed with the control knobs.

Can control solder feed amount by a combination of solder feed time and feed speed.



Operate in AUTO or MANUAL mode

AUTO MODE : If you press the feed switch, solder will be fed with set time and speed independently of length of pressing time.

MANUAL MODE : Solder will be fed with set speed during pressing the feed switch.

With the solder return mechanism

After feed solder, the specified length of solder can be returned. Soldering robots may need this solder return function.

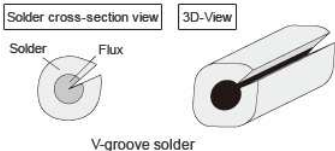
Amount of solder return is adjustable within 0 to 5 mm.

[Automated solder feeding and solder/flux splash prevention](#)

Minimize solder and flux splash

As shown below, when solder is cut with a V-groove it enables the release of gas pressure generated by the flux, thereby suppressing splash. However, because the V-groove exposes the flux to outside air the solder cannot be stored for a long period of time.

When using solder with the HAKKO 374, you can groove the solder that you require.



[HAKKO Document Portal](#)

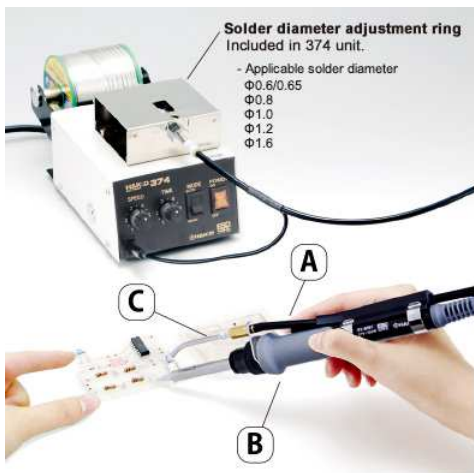
You can browse and download "Instruction Manuals" and "SDS" freely.

Even "Engineering Documents" are available once you complete user registration.

[Inquiry form](#)

Soldering for one-handed operation

[For applicable soldering irons or the part numbers of option parts, click here.](#)



Solder diameter adjustment ring
Included in 374 unit.

- Applicable solder diameter
- Φ0.6/0.65
- Φ0.8
- Φ1.0
- Φ1.2
- Φ1.6

A Tube unit (option)

Can control the timing of solder feeding and stop with a switch on it. Select a correct tube unit for soldering iron and solder diameter to be used.



B Soldering iron

Refer to the table of applicable soldering irons.

➤ [Applicable soldering irons](#)

C Guide pipe assembly (option)

Select a correct guide pipe assembly for soldering iron and solder diameter to be used.



Soldering with a feeder pen

[For the part numbers of feeder pen or option parts, click here.](#)



Solder diameter adjustment ring
Included in 374 unit.

- Applicable solder diameter
- Φ0.6/0.65
- Φ0.8
- Φ1.0
- Φ1.2
- Φ1.6

(A) Soldering iron

Can use your own soldering iron

(B) Feeder pen (option)

Select feeder pen A or B according to solder diameter to be used.
An optional accessory switch (C) is required to control solder feeding.
The photo on the left shows a feeder pen with a feeder switch.



(C) Switch (option)

Can control the timing of solder feeding and stop. Selectable from 2 types.



foot switch

or



feeder switch

Usage / Applications

➤ Applicable Soldering Iron

	Station	Solderin iron * Click on the following link below jump to the table of the optional parts.
Station type	HAKKO FM-203 HAKKO FM-206	For HAKKO FM-2027 For HAKKO FM-2030
	HAKKO FX-801	For HAKKO FX-8002
	HAKKO FX-838	For HAKKO FX-8301
	HAKKO FR-701 HAKKO FR-702 HAKKO FX-888 (Discontinued) HAKKO FX-888D HAKKO FX-889	For HAKKO FX-8801 For HAKKO FX-8805
	HAKKO FX-950 HAKKO FX-951 HAKKO FX-952	For HAKKO FM-2028
	HAKKO 928 (Discontinued)	For HAKKO 900M For HAKKO 900L

		* Not available for HAKKO 900S
	HAKKO 931 (Discontinued) HAKKO 932 (Discontinued)	For HAKKO 902 (Discontinued)
	HAKKO 929 (Discontinued)	For HAKKO 904 (Discontinued)
	HAKKO 936 (Discontinued) HAKKO 937 (Discontinued) HAKKO 701 (Discontinued)	For HAKKO 907 For HAKKO 908 * Not available for HAKKO 900S * If you prefer gun type, HAKKO 958/959 are recommended for one-hand soldering with automatic solder feeding.
	HAKKO 942 (Discontinued)	For HAKKO 912 (Discontinued) * Available only when attaching Long nipple
Ceramic heater type	HAKKO DASH (Discontinued) For N452/453 For N454	
	HAKKO MACH-I (Discontinued) For 918 For 920/921/922	

Hints On Use

1. I want to use the HAKKO 374 for a different solder diameter.

Change all of the driving/following pulley assembly, supply nozzle, guide pipe assembly, and tube unit.

2. I want to change the soldering iron used with the HAKKO 373/374.

Change the iron holder, guide pipe assembly, and tube unit if they are not compatible with the soldering iron to be used.

• Soldering for one-handed operation

*Ø1.6 Lead-free solder is NOT available for use.



Optional parts required:

- Tube Unit
- Guide Pipe Assembly

➔ Soldering Iron : FM-2030

Usable Solder Dia	0.6mm	0.8mm	1.0mm	1.2mm	1.6mm
Tube Unit	B3477			B3478	-
Guide Pipe Assembly	B3726	B3727	B3728	B3729	-

➔ **Soldering Iron : FX-8002**

Usable Solder Dia	0.6mm	0.8mm	1.0mm	1.2mm	1.6mm
<u>Tube Unit</u>	B3477			B3478	-
Guide Pipe Assembly	B5072	B5073	B5074	B5075	-

➔ **Soldering Iron : FX-8301**

Usable Solder Dia	0.6mm	0.8mm	1.0mm	1.2mm	1.6mm(*)
<u>Tube Unit</u>	B3563			B3564	B3565
Guide Pipe Assembly	B3566	B3567	B3568	B3569	B3571

*Ø1.6 Lead-free solder is NOT available for use.

➔ **Soldering Iron : FM-2027 and FM-2028**

Usable Solder Dia	0.6mm	0.8mm	1.0mm	1.2mm	1.6mm
<u>Tube Unit</u>	B3477			B3478	-
Guide Pipe Assembly	B3481	B3482	B3483	B3484	-

➔ **Soldering Iron : 900M, N452 and N453**

Usable Solder Dia	0.6mm	0.8mm	1.0mm	1.2mm	1.6mm(*)
<u>Tube Unit</u>	B1631			B1672	B2125
Guide Pipe Assembly	B1674	B1675	B1676	B1677	B2119

*Ø1.6 Lead-free solder is NOT available for use.

➔ **Soldering Iron : 900L and N454**

Usable Solder Dia	0.6mm	0.8mm	1.0mm	1.2mm	1.6mm(*)
<u>Tube Unit</u>	B1631			B1672	B2125
Guide Pipe Assembly	B1679	B1680	B1681	B1682	B2120

*Ø1.6 Lead-free solder is NOT available for use.

➔ **Soldering Iron : 902 and 904**

Usable Solder Dia	0.6mm	0.8mm	1.0mm	1.2mm	1.6mm(*)
Tube Unit	B1957			B1958	B2127
Guide Pipe Assembly	B1694	B1695	B1696	B1697	B2123

*Ø1.6 Lead-free solder is NOT available for use.

➔ **Soldering Iron : FX-8801 and 907**

Usable Solder Dia	0.6mm	0.8mm	1.0mm	1.2mm	1.6mm(*)
Tube Unit	B2143			B2144	B2145
Guide Pipe Assembly	B2146	B2147	B2148	B2149	B2156

*Ø1.6 Lead-free solder is NOT available for use.

➔ **Soldering Iron : FX-8805 and 908**

Usable Solder Dia	0.6mm	0.8mm	1.0mm	1.2mm	1.6mm(*)
Tube Unit	B2143			B2144	B2145
Guide Pipe Assembly	B2151	B2152	B2153	B2154	B2157

*Ø1.6 Lead-free solder is NOT available for use.

➔ **Soldering Iron : 912 (Available only when attaching Long nipple)**

Usable Solder Dia	0.6mm	0.8mm	1.0mm	1.2mm	1.6mm
Tube Unit	B3479			B3480	-
Guide Pipe Assembly	B3481	B3482	B3483	B3484	-

➔ **Soldering Iron : 918**

Usable Solder Dia	0.6mm	0.8mm	1.0mm	1.2mm	1.6mm(*)
Tube Unit without switch	B1632			B1673	B2126
Guide Pipe Assembly	B1689	B1690	B1691	B1692	B2122

*Ø1.6 Lead-free solder is NOT available for use.

*A foot switch is available separately.

➔ Soldering Iron : 920, 921 and 922

Usable Solder Dia	0.6mm	0.8mm	1.0mm	1.2mm	1.6mm(*)
Tube Unit without switch	B1632			B1673	B2126
Guide Pipe Assembly	B1684	B1685	B1686	B1687	B2121

*Ø1.6 Lead-free solder is NOT available for use.

*A foot switch is available separately.

- Soldering with Feeder pen



Optional parts required:

- Feeder Pen
- Switch

As for the switch, please choose either Foot switch or Feeder switch as below.

Usable Solder Dia	0.6mm	0.8mm	1.0mm	1.2mm	1.6mm
Feeder Pen	C1234			C1235	
Switch	Foot Switch	B1649			
	Feeder Switch	B2124			