

Products

Soldering related equipment and materials/Solder feed system

HAKKO 373 **ESD SAFE**
HELP FEEDER



Automatic solder feeder that enables a user to complete soldering work just with one hand

Solder feed time and speed are settable

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Features

The solder feed time and speed can be set.

! 1.6 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.

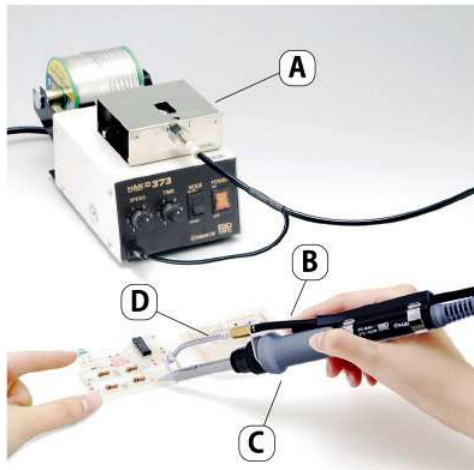
Soldering robots may need this solder return function. Amount of solder return is adjustable within 0 to 5 mm.

[With the solder return mechanism](#)

HAKKO 374 with anti-solder-balling function is also available.

Soldering for one-handed operation

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



A Solder diameter adjustment ring (option)

The ring is located under the cover.
Select a correct ring for solder diameter to be used.

Φ0.6/0.65
Φ0.8
Φ1.0
Φ1.2
Φ1.6



B 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.



D Guide pipe assembly (option)

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



C Soldering iron

Refer to the table of applicable soldering irons.

[Applicable soldering irons](#)

Soldering with a feeder pen

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



A Solder diameter adjustment ring (option)

The ring is located under the cover.
Select a correct ring for solder diameter to be used.

- Φ0.6/0.65
- Φ0.8
- Φ1.0
- Φ1.2
- Φ1.6



B Soldering iron

Can use your own soldering iron

C Feeder pen (option)

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



D 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/N453 For N454	
	HAKKO MACH-I (Discontinued) For 918 For 920/921/922	

Hints On Use

1. I want to use the HAKKO 373 for a different solder diameter.

Change the tube unit, guide pipe assembly, and solder diameter adjustment ring according to the solder diameter to be used.

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 do not agree 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:

- Solder Diameter Adjustment Ring
- Tube Unit
- Guide Pipe Assembly

➔ Soldering Iron : FM-2030

Usable Solder Dia	0.6/0.65mm	0.8mm	1.0mm	1.2mm	1.6mm
Solder Diameter Adjustment Ring	B1626	B1627	B1628	B1629	-
Tube Unit	B3477			B3478	-

Guide Pipe Assembly	B3726	B3727	B3728	B3729	-
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➤ Soldering Iron : FX-8002

Usable Solder Dia	0.6/0.65mm	0.8mm	1.0mm	1.2mm	1.6mm
Solder Diameter Adjustment Ring	B1626	B1627	B1628	B1629	-
<u>Tube Unit</u>	B3477			B3478	-
Guide Pipe Assembly	B5072	B5073	B5074	B5075	-

➤ Soldering Iron : FX-8301

Usable Solder Dia	0.6/0.65mm	0.8mm	1.0mm	1.2mm	1.6mm(*)
Solder Diameter Adjustment Ring	B1626	B1627	B1628	B1629	B1630
<u>Tube Unit</u>	B3563			B3564	
Guide Pipe Assembly	B3566	B3567	B3568	B3569	B3570

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

➤ Soldering Iron : FM-2027 and FM-2028

Usable Solder Dia	0.6/0.65mm	0.8mm	1.0mm	1.2mm	1.6mm
Solder Diameter Adjustment Ring	B1626	B1627	B1628	B1629	-
<u>Tube Unit</u>	B3477			B3478	-
Guide Pipe Assembly	B3481	B3482	B3483	B3484	-

➤ Soldering Iron : 900M, N452 and N453

Usable Solder Dia	0.6/0.65mm	0.8mm	1.0mm	1.2mm	1.6mm(*)
Solder Diameter Adjustment Ring	B1626	B1627	B1628	B1629	B1630
<u>Tube Unit</u>	B1631			B1672	
Guide Pipe Assembly	B1674	B1675	B1676	B1677	B1678

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

➔ Soldering Iron : 900L and N454

Usable Solder Dia	0.6/0.65mm	0.8mm	1.0mm	1.2mm	1.6mm(*)
Solder Diameter Adjustment Ring	B1626	B1627	B1628	B1629	B1630
Tube Unit	B1631			B1672	
Guide Pipe Assembly	B1679	B1680	B1681	B1682	B1683

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

➔ Soldering Iron : 902 and 904

Usable Solder Dia	0.6/0.65mm	0.8mm	1.0mm	1.2mm	1.6mm(*)
Solder Diameter Adjustment Ring	B1626	B1627	B1628	B1629	B1630
Tube Unit	B1957			B1958	
Guide Pipe Assembly	B1694	B1695	B1696	B1697	B1698

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

➔ Soldering Iron : FX-8801 and 907

Usable Solder Dia	0.6/0.65mm	0.8mm	1.0mm	1.2mm	1.6mm(*)
Solder Diameter Adjustment Ring	B1626	B1627	B1628	B1629	B1630
Tube Unit	B2143			B2144	
Guide Pipe Assembly	B2146	B2147	B2148	B2149	B2150

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

➔ Soldering Iron : FX-8805 and 908

Usable Solder Dia	0.6/0.65mm	0.8mm	1.0mm	1.2mm	1.6mm(*)
Solder Diameter Adjustment Ring	B1626	B1627	B1628	B1629	B1630
Tube Unit	B2143			B2144	
Guide Pipe Assembly	B2151	B2152	B2153	B2154	B2155

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

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

Usable Solder Dia	0.6/0.65mm	0.8mm	1.0mm	1.2mm	1.6mm
Solder Diameter Adjustment Ring	B1626	B1627	B1628	B1629	-
Tube Unit	B3479			B3480	-
Guide Pipe Assembly	B3481	B3482	B3483	B3484	-

➔ **Soldering Iron : 918**

Usable Solder Dia	0.6/0.65mm	0.8mm	1.0mm	1.2mm	1.6mm(*)
Solder Diameter Adjustment Ring	B1626	B1627	B1628	B1629	B1630
Tube Unit without switch	B1632			B1673	
Guide Pipe Assembly	B1689	B1690	B1691	B1692	B1693

*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	0.6/0.65mm	0.8mm	1.0mm	1.2mm	1.6mm(*)
Solder Diameter Adjustment Ring	B1626	B1627	B1628	B1629	B1630
Tube Unit without switch	B1632			B1673	
Guide Pipe Assembly	B1684	B1685	B1686	B1687	B1688

*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
- Solder Diameter Adjustment Ring

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

Usable Solder Dia	0.6/0.65mm	0.8mm	1.0mm	1.2mm	1.6mm
Solder Diameter Adjustment Ring	B1626	B1627	B1628	B1629	B1630

Feeder Pen	C1234	C1235
Switch	Foot Switch	B1649
	Feeder Switch	B2124