

AUTOMATIC SOLDER FEEDER

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LEAD-FREE v-groove AUTOMATIC SOLDER FEEDER
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V-groove prevents solder splash.

LEAD-FREE v-groove AUTOMATIC SOLDER FEEDER

FD-110

V-groove rollers are different according to solder diameter being used. Please let us know your solder diameter when purchasing FD-110. To replace or change v-groove rollers, please feel free to contact us.

- One-handed soldering work possible. ON/OFF switch is built into the Tube Assy **FD-100TA** (sold separately).
- $\varnothing 0.6$ -1.6 mm lead-free solder applicable.
- Solder feed method for reducing solder clogs.



SOLDER-SPLASH PREVENTION
V-groove function

MAX $\varnothing 1.6$ LEAD-FREE SOLDER APPLICABLE*
Wide tube

INNOVATIVE DESIGN MEANS FEWER CLOGS
Handpiece shaped for smooth solder flow

COMPATIBLE WITH YOUR SOLDERING UNIT
for **goot RX series** soldering stations

*Please tell us your solder diameter when purchasing.

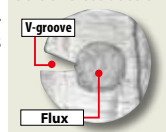


The above photo is with optional parts. Solder, soldering unit, and other optional parts are not included with this **FD-110**.

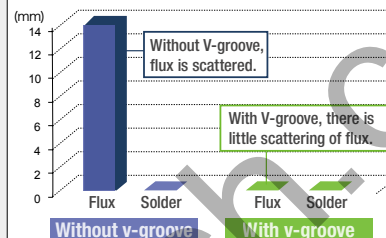
V-groove function

Grooved solder lets flux vapor be released. Reduces splash. Reduces defects.

Solder cross section



Solder splash



Stable quality at less cost! Fixed Solder Feed

LEAD-FREE AUTOMATIC SOLDER FEEDER **FD-100**



MAX $\varnothing 1.6$ LEAD-FREE SOLDER APPLICABLE
Wide tube

INNOVATIVE DESIGN MEANS FEWER CLOGS
Handpiece shaped for smooth solder flow

COMPATIBLE WITH YOUR SOLDERING UNIT
for **goot RX series** soldering stations

- One-handed soldering work possible. ON/OFF switch is built into the Tube Assy **FD-100TA** (sold separately).
- $\varnothing 0.6$ -1.6 mm lead-free solder applicable.
- Solder feed method for reducing solder clogs.

The above photo is with optional parts. Solder, soldering unit, and other optional parts are not included with this **FD-110, FD-100**.

SAMPLE CONFIGURATION

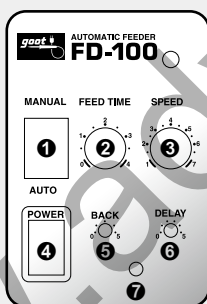
Constant feed volume.
Stable quality at lower cost.



This image is with optional parts. Solder, soldering unit, and other optional parts are not included with this FD-100.

- ① Temperature-Controlled Lead-Free Soldering Station
③ Automatic Solder Feeder Unit FD-100

FRONT PANEL (Common FD-100/110)



- ① Mode Changer
② Feed Time Adjuster
③ Feed Speed Adjuster
④ Main Power Switch
⑤ Return Amount Adjuster
⑥ Delay Time Adjuster

FD-100 Sample configuration

① Temperature-Controlled Lead-Free Soldering Station	RX-802AS
② Tip	RX-80HRT-B
③ Automatic Solder Feeder Unit	FD-100
④ Tube Assy (Solder Dia. ϕ 0.6–1.0)	FD-100TA-1.0
⑤ Guide Pipe (for RX-80GAS)	FD-100P-80
⑥ Nozzle (Solder Dia. ϕ 1.0)	FD-100N-1.0

SPECIFICATIONS

Model	FD-100	FD-110-0.6	FD-110-0.8	FD-110-1.0	FD-110-1.2	FD-110-1.6
V-groove function	-	有り				
Voltage	100-240V AC 50/60Hz inlet type					
Power Consumption	8W					
Power Cord Length	1.5 m					
Applicable Soldering Irons	RX-802AS (RX-80GAS)					
	RX-852AS (RX-85GAS)					
	RX-822AS (RX-80/85GAS)					
	RX-701/711AS (RX-72GAS)					
Applicable Solder Diameter (mm)	ϕ 0.6-1.6	ϕ 0.6	ϕ 0.8	ϕ 1.0	ϕ 1.2	ϕ 1.6
	LF solder applicable					
Solder Feed Speed (mm/s)	6-22	5-20			1-19	
Solder Feed Time	unloaded					
Solder Feed Time	0-4s					
Returned Solder Amount	0-5mm(fixed speed)					
Dimensions	FD-100 : 82 (W) × 140 (H) × 210 (D) mm FD-110 series : 82 (W) × 149 (H) × 210 (D) mm					
Weight	FD-100 : 1.5kg (w/o solder) FD-110 series : 1.6kg (w/o solder)					

REPLACEMENT PARTS / OPTIONS

Tube Assy (Solder Dia. ϕ 0.6–1.0) FD-100TA-1.0	Tube Assy (Solder Dia. ϕ 1.2–1.6) FD-100TA-1.6
Iron Unit RX-80GAS FD-100P-80	Iron Unit RX-85GAS FD-100P-85
Iron Unit RX-72GAS FD-100P-72	
Feeder Pen (Solder Dia. ϕ 0.6–1.0) FD-100PN-1.0	Feeder Pen (Solder Dia. ϕ 1.2–1.6) FD-100PN-1.6
Solder Dia. ϕ 0.6/ 0.65 FD-110N-0.6	Solder Dia. ϕ 0.8/ 1.0 FD-110N-1.0
Solder Dia. ϕ 1.2/ 1.6 FD-110N-1.6	Foot Switch FD-100FS

CHOOSING OPTIONAL PARTS

1. Choose the suitable guide pipe for your Iron Unit.

Applicable Iron Unit	RX-80GAS RX-802AS RX-822AS	RX-85GAS RX-852AS RX-822AS	RX-72GAS RX-701AS RX-711AS
Soldering iron Tip	RX-80HRT series	RX-80HRT series	RX-85HRT series PX-60RT series
Applicable Guide Pipe	FD-100P-80	FD-100P-80	FD-100P-85 FD-100P-72

2. Choose the suitable nozzle and tube assy for your solder diameter.

Solder Dia.	0.6 / 0.65mm	0.8mm	1.0mm	1.2mm	1.6mm
Tube Assy	Tube Assy FD-100TA-1.0			Tube Assy FD-100TA-1.6	
Nozzle	Nozzle FD-110N-0.6	Nozzle FD-110N-1.0		Nozzle FD-110N-1.6	
Feeder Pen	Feeder Pen FD-100PN-1.0			Feeder Pen FD-100PN-1.6	
Nozzle not included. Foot switch is required.					

ST-21, ST-22 soldering iron stand for RX-802AS/852AS/822AS If you don't have it, please purchase one. (The old ST-20 is not applicable)	ST-27 soldering iron stand for RX-701AS/711AS If you don't have it, please purchase one. (The old ST-77 is not applicable)

