

# AUTOMATIC SOLDER FEEDER

## 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).
- $\phi 0.6$ -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**.

## Stable quality at less cost! Fixed Solder Feed LEAD-FREE AUTOMATIC SOLDER FEEDER **FD-100**



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



**SOLDER-SPLASH PREVENTION**  
V-groove function

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

**INNOVATIVE DESIGN MEANS FEWER CLOGS**  
Handpiece shaped for smooth solder flow

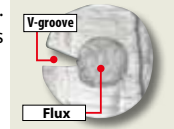
**COMPATIBLE WITH YOUR SOLDERING UNIT**  
for **goot RX series** soldering stations

\*Please tell us your solder diameter when purchasing.

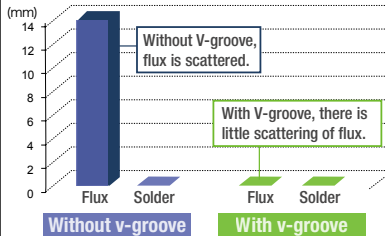
### V-groove function

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

### Solder cross section



### Solder splash



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### 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	N/A	YES				
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)	$\phi$ 0.6-1.6	$\phi$ 0.6	$\phi$ 0.8	$\phi$ 1.0	$\phi$ 1.2	$\phi$ 1.6
Solder Feed Speed (mm/s)	6-22	5-20			1-19	
	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. $\phi 0.6$ -1.0) <b>FD-100TA-1.0</b>	Tube Assy (Solder Dia. $\phi 1.2$ -1.6) <b>FD-100TA-1.6</b>
Guide Pipe for RX-80GAS <b>FD-100P-80</b>	Guide Pipe for RX-85GAS <b>FD-100P-85</b>
Guide Pipe for RX-72GAS <b>FD-100P-72</b>	
Feeder Pen (Solder Dia. $\phi 0.6$ -1.0) <b>FD-100PN-1.0</b>	Feeder Pen (Solder Dia. $\phi 1.2$ -1.6) <b>FD-100PN-1.6</b>
Nozzle, Solder Dia. $\phi 0.6$ / 0.65 <b>FD-110N-0.6</b>	Nozzle, Solder Dia. $\phi 0.8$ / 1.0 <b>FD-110N-1.0</b>
Nozzle, Solder Dia. $\phi 1.2$ / 1.6 <b>FD-110N-1.6</b>	Foot Switch <b>FD-100FS</b>

**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)



Foot Switch **FD-100FS**

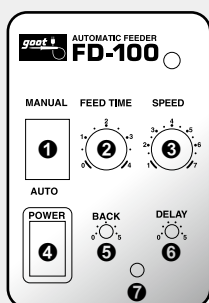
# SAMPLE CONFIGURATION

Constant feed volume.  
Stable quality at lower cost.



- 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. $\phi$ 0.6–1.0)	FD-100TA-1.0
⑤	Guide Pipe (for RX-80GAS)	FD-100P-80
⑥	Nozzle (Solder Dia. $\phi$ 1.0)	FD-110N-1.0

## 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.