



- Compact, space-saving automatic solder feeder
- V-groove put on solder surface reduces the splash of solder and flux
- Feeding amount of solder can be controlled by turning the switch ON/OFF

Specifications

Model No. 375

Rating DC24V 75mA

Solder feed speed 27mm/sec.

Usable solder dia. Φ 0.3, Φ 0.5, Φ 0.6, Φ 0.8, Φ 1.0mm

Dimensions 79(W) \times 98(H) \times 55(D)mm

Weight 0.59kg

- AC Adapter

Motor rating DC24V 130mA

Dimensions 45(W) \times 40(H) \times 65(D)mm

Weight 0.25kg

Packing List

Models

Packing List

No. 375 For Solder Dia. 0.3mm Feeder Unit, AC Adapter

No. 375 For Solder Dia. 0.5mm

No. 375 For Solder Dia. 0.6mm

No. 375 For Solder Dia. 0.8mm

No. 375 For Solder Dia. 1.0mm

Features

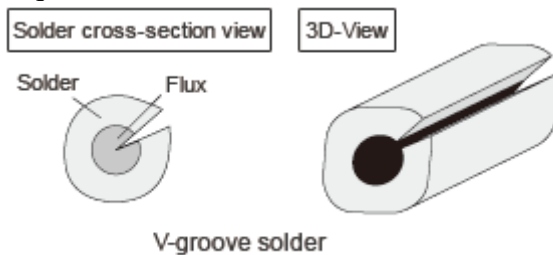
Optimal for minimizing solder and flux splash

Solder feeding equipment with V-grooving function for superior cost performance

Minimize solder and flux splash

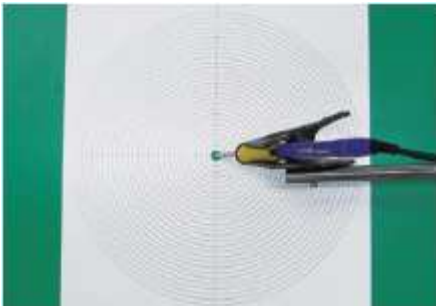
As shown below, when solder is cut with a V-groove it enables the release of gas pressure generated by the flux, thereby suppressing splash. However, because the V-groove exposes the flux to outside air the solder cannot be stored for a long period of time.

When using solder with the HAKKO 375, you can groove the solder that you require.



Advantages of V-grooved solder

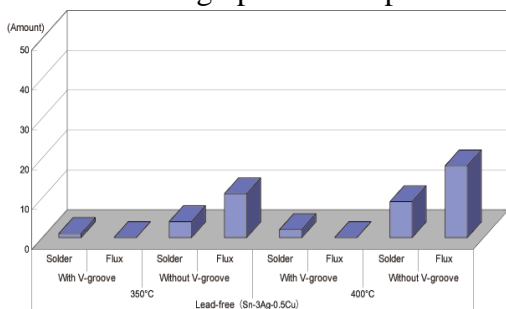
-Examination of solder/flux splash



Measurement criteria (Sn-3 Ag-0.5Cu)

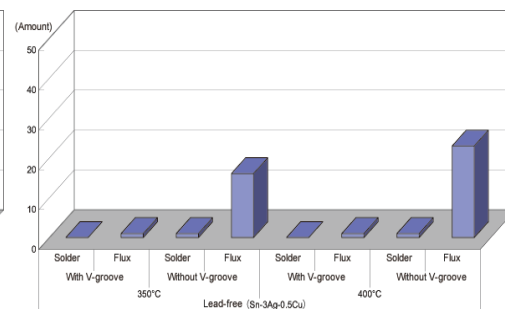
We fed 50mm each of lead-free solder of ϕ 0.3mm and ϕ 1.0mm once to the HAKKO FX-951, and measured the amount of solder balls and flux splash that was produced. The temperature shown is the one of the soldering tip

-Measurement graph of flux splash amount



[*Click here to enlarge](#)

ϕ 0.3mm



[*Click here to enlarge](#)

ϕ 1.0mm

Applicable solder dia.

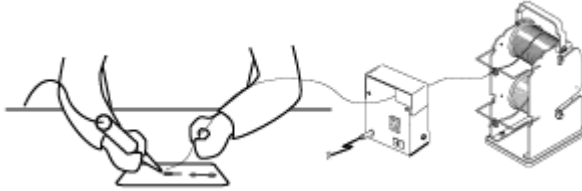
ϕ 0.3, ϕ 0.5, ϕ 0.6, ϕ 0.8, ϕ 1.0 (mm)

Compact design

Usage / Applications

- Can be applicable with the conventional solder reel stand.



-Application Examples



- Use an option switch to increase efficiency
Control the amount of solder that is fed using the ON/OFF switch. Use an option switch or hand switch to increase functionality even more.

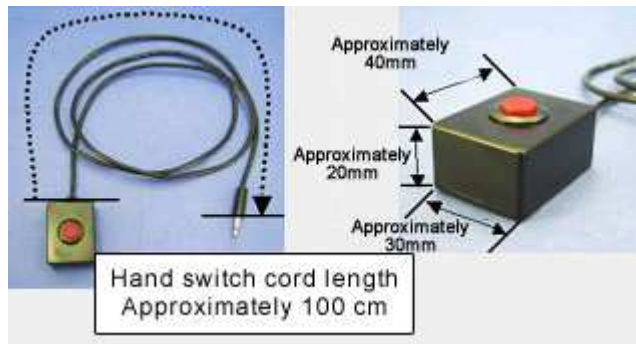


Option

	Part No.	Name	Specifications
	B1649	Foot switch	
	B2763	Hand switch	

Connection cord length: Approximately 135 cm
Switch size: Approx. 30mm (W) × 40mm (D) × 20mm (H)

Hand switch
When using the hand switch, switching is not possible on the main device.



Connection cord length: Approximately 135 cm

When using the foot switch, switching is not possible on the main device.

Foot switch

