

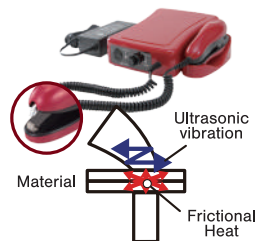
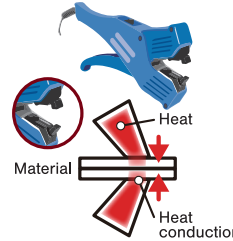

Table of compatible materials

		Upper side						
		PSP	OPS	PVC	HIPS	PPF	PP	A-PET
Lower side	PSP	✓	✓	✓*	✓	—	—	✓
	OPS	✓	✓	✓*	✓	✓	✓	✓
	PVC	—	—	✓*	✓*	—	✓*	✓*
	HIPS	✓	✓	—	✓	—	—	✓
	PPF	—	—	—	—	✓	✓	—
	PP	—	—	—	—	✓	✓	—
	A-PET	—	—	✓*	✓	✓	✓	✓

✓ : Weldable — : Non weldable * : Continued use may cause rust to form in the welded area.
PVC materials may turn slightly black in the welded area.

PSP : Polystyrene Paper
OPS : (Biaxial)Oriented polystyrene
PVC : Polyvinyl chloride
HIPS : High impact polystyrene
PPF : Talc field polypropylene
PP : Polypropylene
A-PET : Amorphous PolyEthylene Terephthalate

Comparison table

	Ultrasonic point sealer Ultrasonic dot-line sealer	Heat point sealer	Consumables Tape, staples, rubber bands
			
	Good Poor	Good Poor	Good Poor
Price (running costs)	Power consumption : 20 W For a few seconds only during welding	Power consumption:15 W (constantly)	Cheap but involves running costs
Work efficiency	No warm-up time needed No consumables required	Need to wait for a few minutes after turning the power on No consumables required	Need to use consumables and tools
Compatible materials	Refer to the table of compatible materials	Cannot be used with PET materials It may melt depending on welding method.	Can be used on any materials
Safety	Safe, no heat is generated	Constant high temperature	Safe
Welding quality	Possible to ensure the same quality by setting the timer.	No timer Quality varies depending on the operator	
Customer satisfaction	As a safety measure. e.g., HACCP Prevents contamination and malicious tampering. Attractive packaging.	As a safety measure. e.g., HACCP Prevents contamination and malicious tampering. Attractive packaging.	Possibility of contamination by foreign matter Product appeal may be reduced
Potential users	For supermarkets, takeaway restaurants, retail stores, factories, etc.	For retail stores, factories, etc.	For supermarkets, takeaway restaurants, retail stores, factories, etc.

*Based on research conducted by Asahi Industries

Ultrasonic point sealer

Model	
Corded	Cordless
QP-01	QPB-01



For welding food packs, snap-on containers, blister packs, and other thermoplastic materials.
It makes a spot weld without using a stapler or tape.

Can be used as an alternative to;



Tape



Stapler



Glue

Rubber band



For welding plastic bags, non-woven fabrics, and other thin materials. It welds materials while drawing dotted lines with a wheel tip without the use of a stapler or adhesive tape.



Model	
Corded	Cordless
L-QP-01	L-QPB-01

Ultrasonic dot-line sealer

 Asahi Industry Co.,Ltd.

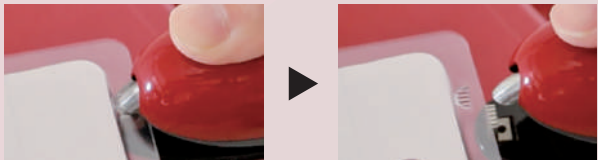
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Ultrasonic point sealer

QP-01 QPB-01



How to use



Grip the handpiece a few seconds and release.

Movie



Shape of seal

3mm (Approx.)
6mm (Approx.)

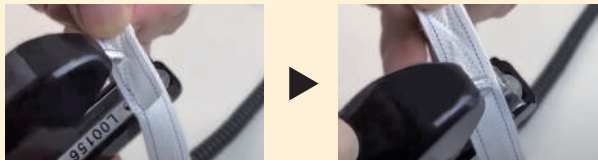


Ultrasonic dot-line Sealer

L-QP-01 L-QPB-01



How to use



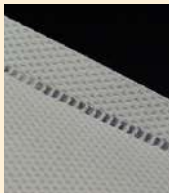
Slide the handpiece horizontally while gripping at the same time

Movie



Shape of seal

1.5mm (Approx.)
*seal time: 1-6 sec.



Features

Easy to operate

After turning on the main power and set the timer, grip the handpiece for a few seconds or slide it to weld.



Tamper proof

It can also be used in place of virgin seals to prevent pilferage. Strong sealing by Ultrasonic point sealer QP-01/QPB-01 protects items inside plastic containers and blister packs.



Prevents contamination

Ultrasonic sealers require no staples, rubber bands, tape, or other consumables that accidentally enter the package and cause foreign material contamination.



No disruption of the package's appearance

Staples, rubber bands and tapes disrupt the appearance of packaging. However, using ultrasonic sealers helps to maintain the appearance with only small weld marks.



Easy to weld the intended point

The arc-shaped teeth of the handpiece allows the user to see the weld points clearly.










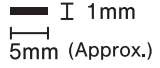


100 - 240 V

Our ultrasonic sealers can be used with voltages ranging from 100 to 240 V.



Specification

	Ultrasonic point sealer		Ultrasonic dot-line sealer	
	 Corded	 Cordless	 Corded	 Cordless
Model	QP-01	QPB-01	L-QP-01	L-QPB-01
Dimensions Main unit ※ 3	W179×D183×H66mm		W140×D183×H66mm	
Hand piece	W36×D125×H54mm		W23×D128×H54mm	
Weight Main unit	500g	1,000g	500g	1,000g
Hand piece	200g		160g	
Run times ※ 4	—	5,000 times	—	5,000 times
Oscillation frequency	A / C type		57kHz (Max. output : 20W)	
Power Source	100V - 240V		AC 50/60Hz	
Plug type	A type  / C type 		A type 	
Cord length	Power cord length 320cm / Coiled code 50cm			
Others	Handpiece holder 	—	Point seal Tip * Optional Tip 	Shape of welding  I 1mm 5mm (Approx.)

※1 Product specifications and appearance are subject to change without notice in order to improve quality. ※2 A full charge takes approximately 5 hours. ※3 Not include protrusions. ※4 Approximate times for a fully charged battery. It varies according to the timer setting.

- Safety standards: PSE, CE (QP-01) - Battery pack: Nickel-metal hydride battery (NiMH)