

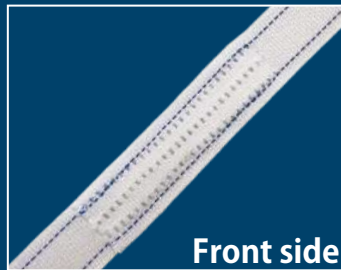
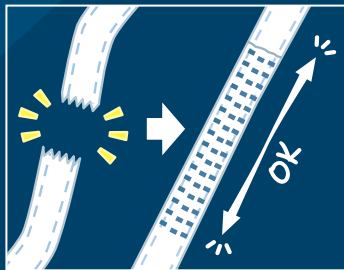
# Ultrasonic ironer guide tape welder

Easy, safe, and simple operation  
Special vibration technology allows  
for strong welding with minimal force.

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



Slide the handpiece  
horizontally while gripping it.



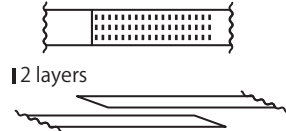
Front side



Back side

## Welding test data

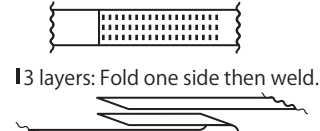
A. I approx.4cm x 3 lines



Movie



B. I approx.4cm x 3 lines



Movie



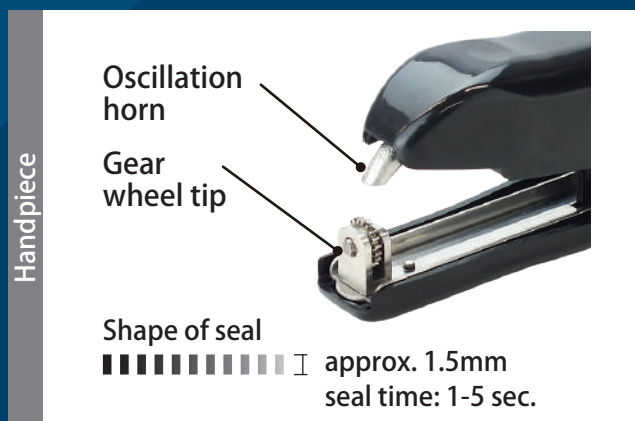
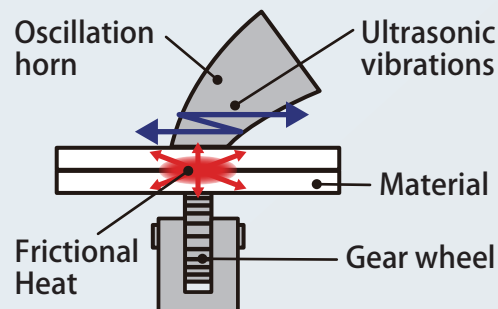
Tape material	Trials	A. I approx.4cm x 3 lines										B. I approx.4cm x 3 lines							
		5min. 5kgf	5min. 7kgf	5min. 9kgf	5min. 11kgf	5min. 13kgf	5min. 15kgf	5min. 17kgf	5min. 19kgf	5min. 20kgf	5min. 5kgf	5min. 7kgf	5min. 9kgf	5min. 11kgf	5min. 13kgf	5min. 15kgf	5min. 17kgf	5min. 19kgf	5min. 20kgf
Nomex®, Polyester	1	P	P	P	P	P	F				P	P	P	P	P	P	P	F	
	2	P	P	P	P	P	F				P	P	P	P	P	P	P	F	
	3	P	P	P	P	F					P	P	P	P	P	P	F		
TETORON® filament (Polyester)	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
	2	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
	3	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Aramid fiber (TypeA)	1	P	P	F							P	P	P	P	P	P	P	F	
	2	P	F								P	P	P	P	P	P	F		
	3	P	P	P	F						P	P	P	P	P	P	P	F	
Aramid fiber (TypeB)	1	P	P	P	F						P	P	P	P	F				
	2	P	P	P	F						P	P	P	P	P	P	P	P	F
	3	P	P	P	F						P	P	P	P	P	P	P	F	

\*P:Passed, F:Failed \*Add weights sequentially after 5 minutes. \*According to a survey by Asahi Industry.

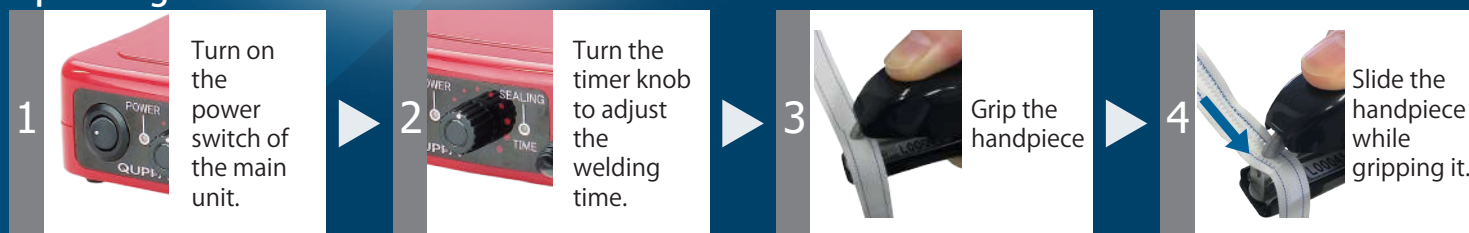
# Ultrasonic welder

## Ultrasonic welding

- The horn generates ultrasonic vibrations.
- Ultrasonic vibrations generate frictional heat to weld materials.
- It is safe as the horn doesn't generate heat.
- Consumables are not used.









## Operating Instruction

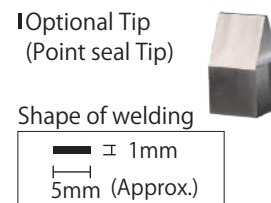


Easy to see contact points  
The work efficiency can be improved  
Ready to use as soon as the power is turned on  
Smooth and strong joint

## Specifications

Ultrasonic dot-line welder	 Corded	 Cordless
Model	L-QP-01	L-QPB-01
Oscillation frequency	57kHz (Max. output: 20W)	
Seal time	1 - 5 seconds	
Number of uses per charge	-	※5,000 times
Battery pack	-	Nickel-metal hydride battery (NiMH)
Main unit	W140×D183×H66mm / 500g	W140×D183×H66mm / 1000g
Handpiece	W23×D128×H54mm / 160g	
Cord length	Coiled cord : 50cm / Power cord : 320cm	
Power source	100V-240V AC50/60Hz	
Plug type	A type  / (Plug adapter: C type  , I type  , G type  )	

※Approximate times for a fully charged battery. ※A full charge takes approximately 5 hours.  
※Specifications and appearance are subject to change without notice for improvement.



Product website



 Asahi Industry Co., Ltd.

1-11-22, Yonban, Atsuta-Ku, Nagoya, Aichi, Japan  
TEL : +81-52-671-5193 FAX : +81-52-671-5196  
E-mail : info\_e@asahi-sg.co.jp  
H.P. : http://asahi-packaging.com