

Data sheet

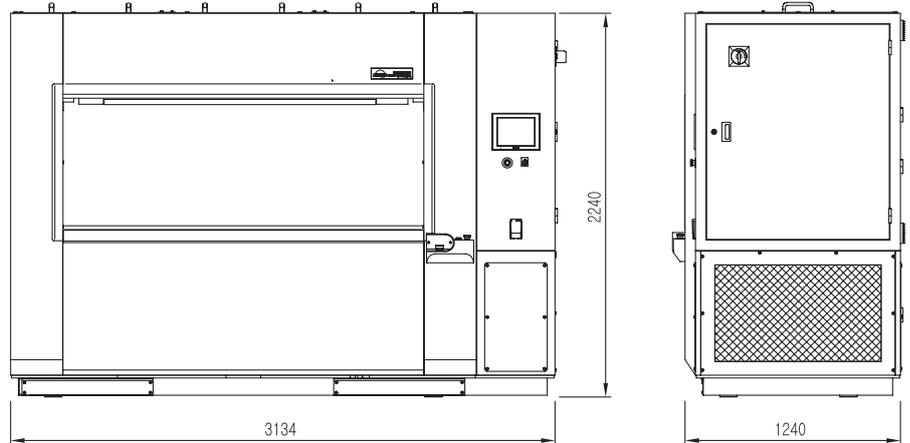
## Vibration Welder 740e

740e vibration welder is suitable for welding of wide plastic products by applying a single-phase high powered output with its high efficient vibration driver.

Linear scale for precision work table position monitor and control movement of table and parts melting depth.

740e vibration welding machine has a higher vibration capability than 730e providing much wider vibration drive plate and work table for welding such a large size of a car engine parts and engineering plastic parts.





## Advantages and Features

- » High frequency precision welding
- » IGBT technology for powerful amp output
- » ASIC circuit application
- » Communication with external source
- » Auto amplitude maintenance function
- » Output power control
- » 2 welding mode: Depth & Time
- » Resonance frequency auto tuning
- » Multi-stage welding
- » Easy fixture replacement
- » Superb safety feature (Alarm function)
- » Sound proof enclosure
- » Welding parameter storage function
- » Welding result storage function
- » Welding result analysis
- » Fixture recognition function
- » Language selection

This data sheet may show parts which are available as options rather than as part of the standard equipment. In some cases, safety covers have been opened or removed in order to show machine details more clearly. Subject to changes to dimensions, design and equipment.

Certified to ISO 9001 & 14001

 **Your Contact**  
[www.telsonic.com](http://www.telsonic.com)  
[vibration@telsonic.com](mailto:vibration@telsonic.com)

## Technical data Vibration welder 740e

	Model	740e
<b>Vibration head</b>	Upper tooling weight	50 ~ 90 kg
	Weld area (approx. / for PP)	500 cm <sup>2</sup>
	Amplitude (peak to peak)	0.7 ~ 1.8 mm
	Frequency	210 ~ 250 Hz
<b>Machine</b>	Machine size	W 2454 × L 1240 × H 2240 mm
	Front door opening	W 2080 × L 790 mm
	Drive platen	W 1524 × L 510 mm
	Lift table size	W 1980 × L 610 mm
	Table stroke / max.	500 mm
	Distance between lift table and vibration head	700 mm
	Table speed	250 mm/s (max.)
	Clamp force	25 kN
	Hydraulic unit	Servo pump
	Hydraulic oil	ISOVG32
	Weight	6,500 kg
	Max. noise level	<85 dB *DAEYOUNG standard test sample application: PP)
	Rated input (3phase)	AC 220 V, 50/60 Hz (AC 380 V, 440 V Option)
	Power consumption	47 KVA
	Output power	30 kW
	Control voltage	DC 24 V
	PLC Type	Siemens S71500
	Operation touch panel	Siemens
	Frequency tuning	Auto/Manual
	Auto tuning	≅ 4 sec
	Welding control	Depth/Time
	Stage for welding	8 Stages
Welding parameter storage	80 Products	
Welding result analysis	Good/Bad	
Language	Korean, Chinese, English (Other languages are optional)	
Fixture recognition	Auto, 15 Products	