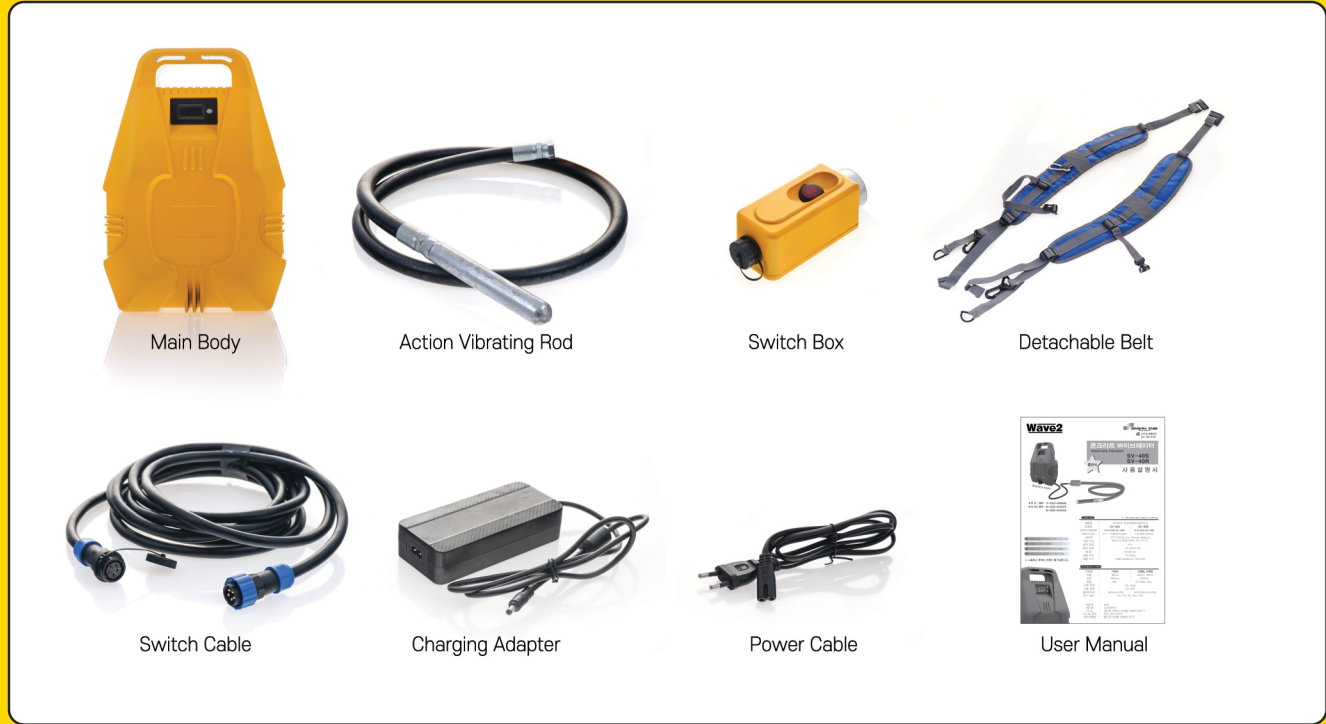
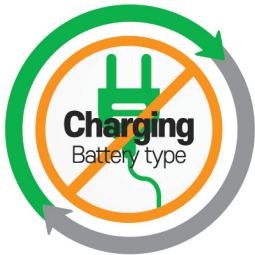


WAVE2 Components of the product



Wave2

High / Low Frequency **Wireless Concrete Vibrator**



- Patent application : 10-2022-0062649
- Design application : 30-2022-0020376
30-2022-0040405



SPECIFICATION

Product Name	Concrete Vibrator (Charging Type)	
Model Name	SV-40	SV-40R
Certification number	R-R-En9-SV-40S	R-R-En9-SV-40S
Vibration frequency	0~12,000vpm(±20%)	
Battery	37V/10Ah(Li-ion Polymer Battery)	
Operating Time	Max 5 Hours (Ambient temp. 20~27°C)	
Charging Voltage	42V	
Charging Current	3A (Max 5A)	
Material	PC, ABS etc.	
Product Weight	Approx. 4.6 Kg	
Product Size	239(L) x 346(H) x 115(W) mm	
MFG Country	Republic of Korea	
Manufacturer	175, Ihwaseokcheon-ro, Ujeong-eup, Hwaseong-si, Gyeonggi-do, Republic of Korea (Tel. +82-031-354-6702)	

Product Name	Action Rod Hose	
Model Name	H38A	H38B, H40B
Diameter	38mm	38mm, 40mm
Length	650mm	320mm
Weight	3Kg	Approx. 2.8Kg, 3Kg
Output Frequency	48Hz(±20%)	Max 240Hz(±20%)
Length of Hose	2m, 4m, 6m, 8m, etc.	
Operating Voltage	37V	
Operating Current	3A (approx.)	
MGF Country	Republic of Korea	
Manufacturer	175, Ihwaseokcheon-ro, Ujeong-eup, Hwaseong-si, Gyeonggi-do, Republic of Korea (Tel. +82-031-354-6702)	

※ Please choose according to your purpose of use.
 ※ Product specifications are subject to change without prior notice for product improvement.

- Electronic / Water Leakage Prevention
- Main body Lightweighting
- Ease of Mobility during Operation
- Vibration Reduction during Operation
- Reduced Labor Costs



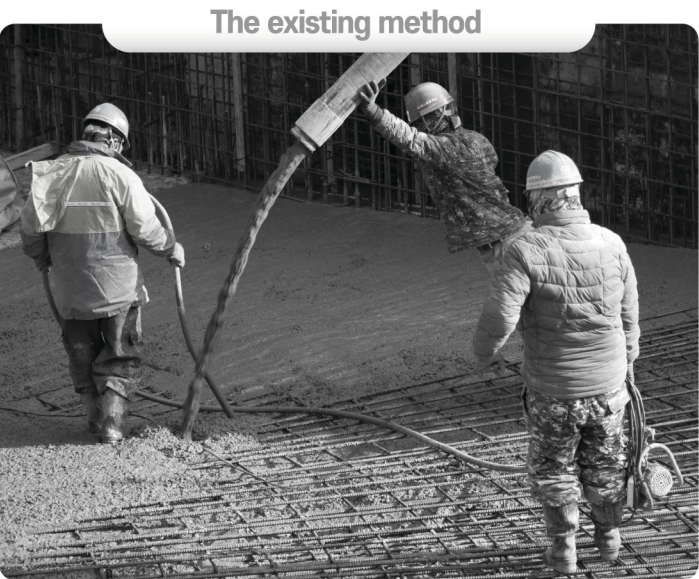
175, Ihwaseokcheon-ro, Ujeong-eup, Hwaseong-si, Gyeonggi-do, Republic of Korea
TEL +82-031-354-6702 **FAX** +82-031-354-6703
 e-mail : shinsan-eng@hanmail.net



WAVE2 Wireless Concrete Vibrator

"Wireless, compact, and lightweight features have improved worker safety and reduced labor costs by reducing the number of required personnel."

- Up to 5 hours of use(with wireless tech.)
- Reduce labor costs by a single-person operation
- Reduced fatigue in workers through lighter weight
- BLDC Motor installation / 12,000rpm Vibration
- The waterproof rating in rainy weather operation
- Thorough after-sales service guarantee



The difference from the existing method

Meteor Propulsion type

- Material caking phenomenon occurs
- Hand tremors increase fatigue
- The concrete strength is weak, and the surface is not clean
- It is heavy and has a long cord, so it requires two people to use it
- It has a short lifespan (Percussion vibration method)

Random huge vibration Inadequate bubble removal effect Unclean finishing surface and weak strength

Eccentricity method type

- Lightweight and easy to move and use
- Less hand tremor, less fatigue
- The concrete strength is strong and clean with few bubbles in concrete
- Low-noise construction is possible
- It has a long lifespan (Rotary vibration type)

Amplitude is small and huge Vibration Effective degassing and material dispersion The finished surface is clean and the strength is improved by 30% compared to the propulsion type

WAVE2 Easy-to-carry wireless battery charging system

- Power switch / Charging jack**
 - Safe charging jack location
 - Convenient use without interference
 - Easy-to-operate switch position
- Battery information display**
 - Real-time checkable LED window
 - Battery voltage and level display
 - Internal temperature display
- Lightweight body**
 - Light weight of the body
 - The robustness of high-strength plastics
 - Compact size body
- Life waterproof**
 - Waterproof function makes it easy to work in rainy weather
- Li-ion Polymer battery(37V)**
 - Excellent stability Li-ion Polymer
 - 1P10S battery, BMS installation
 - CB / KC Certification
- Switch cable**
 - Convenience of mounting and dismantling
 - Various action rods can be installed
 - Life waterproof
- Self-developed action Rod**
 - High-speed BLDC motor installation
 - 12,000rpm high vibration
 - 4 settings depending on the purpose of use
- Switch Box**
 - Waterproof Switch & Connector
 - User convenience

WAVE2 Improvement of Electric shock accident,Weight,Mobility,Vibration,Labor cost

- Using a battery that does not rely on commercial power, it is possible to prevent electric leakage and overvoltage.
- By embedding a motor in the vibration unit, it is possible to reduce the noise and vibration of the connecting hose.
- By using batteries instead of inverter or converter, it is possible to ensure safety and achieve lightweight design.
- A lightweight high/low frequency vibrator product that enables one-person operation.
- Vibrators used on Korean construction sites operate at low frequency of 3,000vpm, a frequency of 60Hz.
- Advanced countries overseas(Europe,Japan) use high-frequency(12,000vpm) vibrators.(compaction,degassing ability)
- Domestic and overseas commercial power inverter high-frequency vibrators.(over 12,000vpm / frequency 200~240hz)
- Using two types of action rod vibrators with a single unit.(low frequency 3,000vpm, high frequency 12,000vpm range)
- The advantage of this product is that its usage distribution is wider than that of any other product configuration.