

IVURplus High-Frequency Internal Vibrators

Enhanced safety and flexibility thanks to the internal vibrator models of the IVURplus series.

Safe and reliable use at the construction site: Guaranteed, among other things, by built-in protective conductor monitoring. This feature checks if the protective conductor (grounding) is present and functioning properly. Protection is further increased by fusing that protects against leakage currents, short circuits and earth leakage.

When it comes to flexibility, the advantages of the IVURplus models cannot be beat: Held together by a plug-in and screw connection, internal vibrator and frequency converter can be disconnected with perfect ease. This feature allows users to exchange the vibrator section with a few easy steps.

IVURplus high-frequency internal vibrators are available in two different models: with a protective tube measuring 5 meters in length or as a pavement vibrator with a 0.8 meter protective tube and handle (IVURplus D). In addition, users can opt between poker diameters of 40, 50 and 58 millimeters.



Advantages of the IVUR high-frequency internal vibrators

- ▶ High safety standard: The electronic system provides protection against residual currents, short circuits and earth leakage faults as well as overheating (in accordance with VDE and EN safety standards). A protective conductor monitoring feature checks if a protective conductor (grounding) is present and functioning properly.
- ▶ Flexible converter electronics: the internal vibrator can be reliably operated by power generators, as the electronic system offers a wide input voltage range (stable up to a voltage of 450 volts).
- ▶ Powerful and consistent in RPM-speed: thanks to the high motor performance, the IVUR internal vibrators are powerful and provide consistent speed during compaction.

Details of the internal vibrator

- ▶ Rugged and durable design due to safely encapsulated and thus vibration-proof stator windings (winding class H, short-term heat-resistant up to 180° C).
- ▶ Thermo sensors reliably protect stator windings against “burning out”.
- ▶ Reduced wear due to hardened pokers.
- ▶ Low maintenance and repair costs thanks to repairable pokers and available spare pokers.

Details of the frequency converter

- ▶ Safe and long-lasting use of the internal vibrator due to vibration-proof, encapsulated electronics.
- ▶ A carrying handle at the converter housing ensures easy transport of the internal vibrator.
- ▶ The smooth start of the electronics prevents a collapse of the power supply or the main circuit breaker.
- ▶ Quick trouble shooting in case of failures thanks to light-emitting diodes of the electronic system. Defective units will soon be ready for use again.

Available accessories

Rubber heads, spare pokers, strap, longer protection hose.

Specifications IVURplus

Type		IVURplus 40	IVURplus 50	IVURplus 58
Vibrator diameter	mm	40	50	58
Effective diameter approx.*	mm	400	500	600
Operating weight	kg	12.8	16.0	17.9
Vibrator length	mm	330	370	420
Frequency	Hz	200	200	200
Rated power	W	650	850	1,050
Voltage, Frequency	V / Hz	230 V / 50-60 Hz		
Input amperage, max.	A	4.6		
Standard		5 m protection hose, 10 m connection cable		

Vibrator section (IVU) and converter section (URplus) can also be ordered separately.

* Approximate values, dependent on the material.

We reserve the right to alter specifications.



IVURplus 58

Specifications IVURplus D

Type		IVURplus 40 D	IVURplus 50 D	IVURplus 58 D
Vibrator diameter	mm	40	50	58
Effective diameter approx.*	mm	400	500	600
Operating weight	kg	12.6	14.4	16.4
Vibrator length	mm	330	370	420
Frequency	Hz	200	200	200
Rated power	W	650	850	1,050
Voltage, Frequency	V / Hz	230 V / 50-60 Hz		
Input amperage, max.	A	4.6		
Standard		0.8 m protection hose, handle, 10 m intermediate cable, 10 m connection cable		

Vibrator section (IVU..D) and converter section (URplus) can also be ordered separately.

* Approximate values, dependent on the material.

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IVURplus 58 D