

WHY HVI THUMPERS?

High Voltage, Inc. offers the most powerful, complete thumper packages available. There are no other thumpers with features superior to the HVI models and many offering a lot less. **HVI thumpers = three output voltages, variable hipot, burn mode, high joules, rapid thump rate, and radar/TDR ready.** For the same money or less, get the complete package offering all the tools needed.



Output Voltage

All HVI thumpers offer three full joule output voltage taps. Thump with low voltage but high energy/joules.

Variable Hipot

Fully variable hipot capability on all output taps. Hipot to identify faulted cable, proof test cable after repair, and burn cable faults to allow the use of lower voltage thumping. Don't buy a thumper that has no hipot/burn output. Why pay the same for ½ a thumper that lacks the necessary features?

Burn Mode

HVI thumpers offer the highest Burn current in the industry, while others offer 25 or 50 mA and others have no hipot/burn mode at all. HVI offers 400 mA on our 5/10/20 kV thumper and 280 mA on our 9/18/36 kV models. Burn faults to reduce their arc-over voltage so lower, less damaging thumping voltages can be used.

Joule Rating

HVI thumpers offer full joules at three different voltages. After using our powerful Burn mode, a user can thump their cables at voltages low enough to minimize cable damage while still delivering the full energy to the fault. Hear and find your fault but without making new faults from over voltage thumping.

TDR/Radar

The radar unit for HVI models is remote from the thumper, although the arc reflection filter is built into our thumpers. A separate radar unit offers several advantages over thumpers with integral radar. Replacement or repair of either the thumper or radar is easier. Use any radar with the HVI thumpers. Use your old one or buy the thumper now and the radar later. Use the radar alone without dragging out a 250lb thumper.

Battery Operation

HVI thumpers are not battery operated. Thumpers of equivalent power rating to the HVI that are battery operated lack a hipot output feature, a cable burn feature, and have extended thump durations, like 15 seconds, and the battery only lasts a short time anyway, requiring external power.

Conclusion

All High Voltage, Inc. thumpers are thoughtfully designed and constructed to offer the most complete package possible: three output taps, variable hipot, the highest burn current, and remote radar. A thumper is a big investment. Get a model with all the power and features necessary. HVI is also the leader in Very Low Frequency (VLF) AC Hipot technology, used for AC cable testing, and offers Tan Delta diagnostic cable testing.

COMPARE HVI THUMPER FEATURES AND SPECIFICATIONS TO ANY OTHER

Features/Specs	Vendor: HVI Model: CDS-2010U	Vendor: HVI Model: CDS-3632U	Vendor: Model:
Output Voltages	0 – 5/10/20 kV	0 – 9/18/36 kV	
Joules	1000 @ 5/10/20 kV	3200 @ 9/18/36 kV	
Constant Energy	Yes. On all taps	Yes. On all taps	
Variable Hipot	Yes. On all taps	Yes. On all taps	
Hipot/Burn rating	400 mA	280 mA	
Thumper rate	6 – 9 seconds	6 – 9 seconds	
Radar Ready	Yes. Use any TDR	Yes. Use any TDR	

VLF/Thumper combo also available.