



HVI - The World's Source for High Voltage Test Equipment

Advanced test equipment for high voltage proof and preventive maintenance testing of electrical apparatus hvinc.com

CDS Series of Thumpers – Constant Energy Design

Three Output Voltage Settings all with Full Energy Discharge Ratings

3 Output Voltage Settings: 0 - 5/10/20 kV & 0 - 9/18/36 kV
Why Three? Find your fault without making more

The CDS Series of thumpers are “Constant Energy” designs. At three different selectable output voltage levels, each delivers the maximum energy to the fault at its maximum voltage. For example, the energy/arc pulse from the 9 kV output voltage tap is equal to the energy delivered from the 18 or 36 kV outputs: the same arc intensity produced at the fault but with far less damaging voltage stress on the system. Be kind to your cables, don't slam them for hours with thousands of joules at 25 or 30 kV.

You can thump a cable at only 9 kV @ 3200 Joules, find the fault, but without severely over-stressing the entire cable system, and adjacent cables, with extreme voltages.



⚡ Rule 1: Thump with the lowest possible voltage but with the highest possible energy.

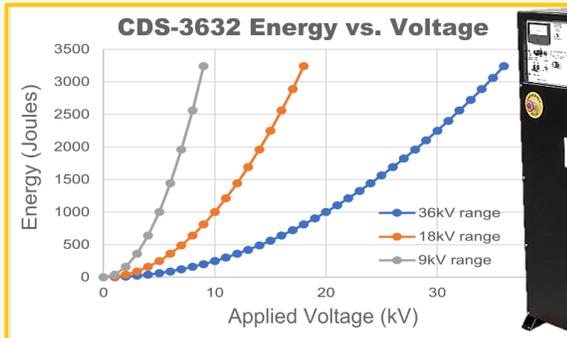
Make the maximum possible noise and strongest electro-magnetic impulse to easily locate the fault but without further damaging your cable system, especially accessories.

FAULT BURN MODE

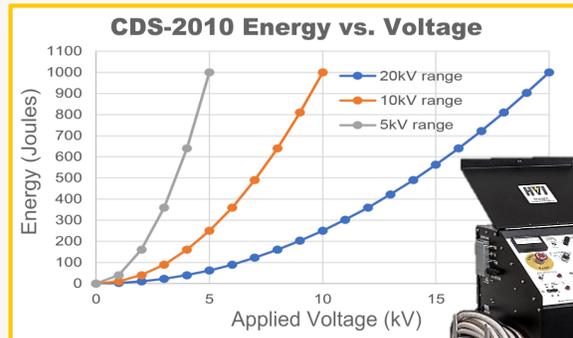
To make best use of three full energy taps, the thumper must have ample “Burn Current” to condition a fault to arc at a lower voltage. HVI models are among the highest Burn Current rated on the market.

- ⚡ CDS-2010U: 1000J with 400 mAdc
- ⚡ CDS-3616U: 1600J with 280 mAdc
- ⚡ CDS-3632U: 3200J with 280 mAdc

Model CDS-3632, rated 0 – 9/18/36 kVdc at 3200J



Model CDS-2010U, rated 0 – 5/10/20 kVdc at 1000J



All Needed Accessories Available



All HVI Products are
MADE IN THE USA

