



**DVR-150 - 1-150 kV AC/DC Divider**  
**DVR-300 - 1-300 kV AC/DC Divider**

The **DVR-150** is HVI's 150 kV precision divider that functions as a probe for your oscilloscope or multimeter. Designed with a precision resistor / capacitor network, it provides a low voltage output signal proportional to the applied high voltage. The low-end impedance is switch selectable between 1 MOhm and 10 MOhm, to match your measuring device. Suitable for DC or AC (up to 1 kHz sinusoidal) measurements. Perfect for in-house high voltage calibrations, no external power source required. This divider is not designed for impulse or square wave applications. A reusable shipping case is an available option for the DVR-150.

| Model                         | DVR-150  |
|-------------------------------|--|
| Voltage Range:                | 1-150 kV DC or AC to 1 kHz sinusoidal                  |
| Output:                       | 1 V per 1 kV applied (1000:1 ratio)                    |
| Driver Accuracy:              | ±0.5%, -14 to 104° F, -10 to 40° C                     |
| Input Resistance:             | 715 MΩ   |
| Input Capacitance:            | 96.3 pF  |
| Cable Length:                 | 25 ft. (7.6 m) RG 58/U coaxial cable                   |
| Divider Termination:          | 13 in. (330 mm) diameter spinning                      |
| Size & Weight:<br>(W x D x H) | 13 x 13 x 24.5 in., 20 lb.<br>330 x 330 x 622 mm, 9 kg |

**Optional Accessories**

Reusable Shipping Case - PN32-066

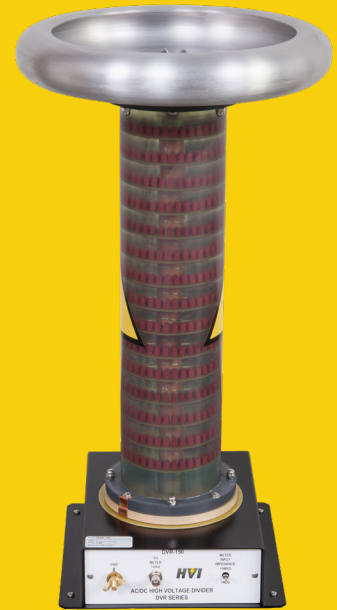


The **DVR-300** is HVI's 300 kV precision divider that functions as a probe for your oscilloscope or multimeter. Designed with a precision resistor / capacitor network, it provides a low voltage output signal proportional to the applied high voltage. The low-end impedance is switch selectable between 1 MOhm and 10 MOhm, to match your measuring device. Suitable for DC or AC (up to 1 kHz sinusoidal) measurements. Perfect for in-house high voltage calibrations, no external power source required. This divider is not designed for impulse or square wave applications.

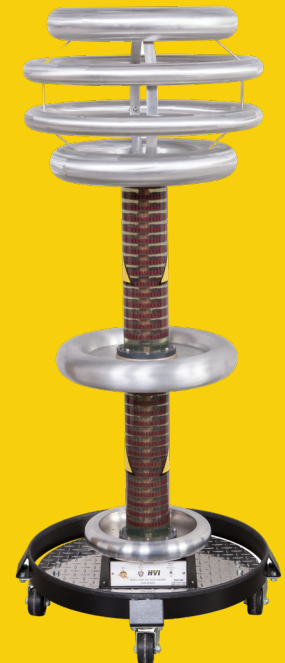
| Model                         | DVR-300  |
|-------------------------------|--|
| Voltage Range:                | 1-300 kV DC or AC to 1 kHz sinusoidal                  |
| Output:                       | 1 V per 10kV applied (10,000:1 ratio)                  |
| Driver Accuracy:              | ±0.5%, -14 to 104° F, -10 to 40° C                     |
| Input Resistance:             | 1430 MΩ  |
| Input Capacitance:            | 49.0 pF  |
| Cable Length:                 | 25 ft. (7.6 m) RG 58/U coaxial cable                   |
| Divider Termination:          | 15.75 x 23 in. top pipe toroid spinning                |
| Size & Weight:<br>(W x D x H) | 24 x 24 x 61 in., 85 lb.<br>609 x 609 x 1549 mm, 39 kg |

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Precision Voltage Dividers



DVR-150



DVR-300