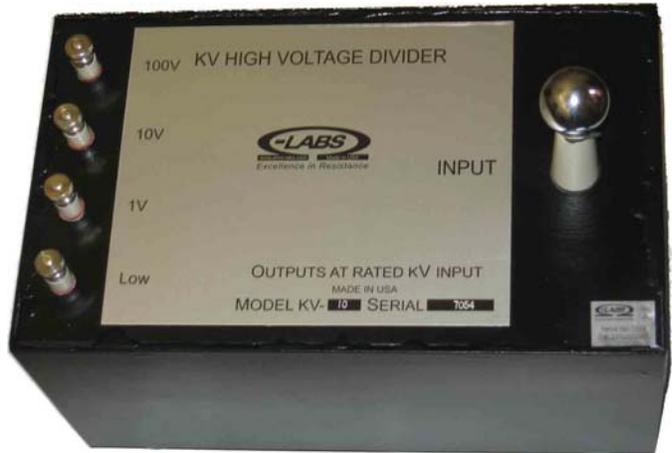


KV SERIES DC HIGH VOLTAGE DIVIDERS

- *EXCELLENT STABILITY*
- *RATIO ACCURACY 0.01 %*
- *LOW TEMPERATURE & POWER COEFFICIENTS*
- *RUGGED CONSTRUCTION*



Designed by Julie Research Laboratories, the KV-series of transportable DC high voltage dividers offer excellent accuracy and stability for the measurement of high voltages.

The KV dividers use precision, wire wound resistors which are selected and matched to reduce the effects of changes in temperature and applied voltage. They may be operated safely up to their full rated voltage without damage.

Three standard output taps offer convenient ratios for accurate measurement of voltages in overlapping ranges. The standard output taps provide 1, 10 and 100 volts output at full input.

Standard models are available at a number of convenient levels – 10 kV, 15 kV and 25 kV. The KV series provides a nominal input and output impedance 1000 ohms/volt.

Leakage and corona effects have been reduced by careful internal engineering design and layout. All dividers are supplied with ISO 17025 accredited, traceable reports of calibration up to full rated voltage.

The KV dividers may be used with mains frequency ac (50-60 Hz) with reduced accuracy.

Special ratios or case styles can be supplied upon request.

For the highest accuracy in both DC and low frequency AC measurement, please see our HVA series of laboratory dividers. For a compact, benchtop divider to 10 kV, please see our KV-VB line of dividers.

Ohm-Labs offers calibration and repair service to high voltage dividers.

Model Selection Guide

| Model | Input | Standard Outputs |
|---------|---|------------------|
| KV 10 | 10,000 V | 1) 1 V |
| KV 15 | 15,000 V | 2) 10 V |
| KV 25 | 25,000 V | 3) 100 V |
| Size: | 10" w x 6" d x 5" h 9" h including input post and ball 25.4 cm w x 15.2 cm d x 12.7 cm h 23 cm h including post and ball | |
| Weight: | Approximately 15 lbs / 7 kg | |

