

MODEL KV-R PRECISION DC HIGH VOLTAGE DIVIDERS

- <0.01 % RATIO ACCURACY
- 10K:1 AND 1K:1 RATIOS
- RUGGED & PORTABLE
- ACCREDITED CALIBRATION INCLUDED



Ohm-Labs KV-R is a portable precision dc high voltage divider for measurement up to 10 kV.

The KV-R dividers use precision high voltage resistors which are selected and matched to reduce the effects of changes in temperature and applied voltage. They may be operated continuously up to full rated voltage without damage.

The KV-5R and KV-10R feature an indicating meter.

Input is by an Amphenol MS3102 type connector. A mating input plug with high voltage lead wire is included.

Output is by low thermal emf binding posts.

Leakage and corona effects have been minimized by careful internal design and layout.

All dividers include ISO17025 Accredited, traceable report of calibration up to full rated voltage.

Special ratios or case styles can be supplied upon request.

Ohm-Labs provides commercial calibration service to high voltage instruments.

For additional information, please visit our

Condensed Specifications

KV-R DC Precision Dividers

| Model | KV-5R | KV-10R |
|---|---------------------------|------------------------|
| Input | 0-5 kV dc | 0-10 kV dc |
| Ratio 1 | 500:1 | 1,000:1 |
| Ratio 2 | 5,000:1 | 10,000:1 |
| Meter | 5-0-5 kV | 10-0-10 kV |
| Impedance | 5 megohms 1000 Ω/V | 10 megohms 1000 Ω/V |
| Physical | 20x20x20 cm (8x8x8 in) | 3 kg (6 lbs) |
| Use | 15-30 °C, 10-60 %RH | |
| Storage | -30+60 °C, 0-95 %RH | |
| ISO17025 accredited calibration included Warranty: 2 years | | |

