



# GAMMA

## DC HIGH VOLTAGE DIVIDER 200 KV DC

### MODELS: HVD200 - HVD200S

#### FEATURES:

- High Input Impedance
- High Accuracy
- Corona-Free Operation

#### SPECIFICATIONS:

|                    |  |
|--------------------|--|
| INPUT VOLTAGE:     | 200KVDC max.                           |
| INPUT IMPEDANCE:   | 4000 megohms                           |
| OUTPUT IMPEDANCE:  | 40,000 ohms                            |
| OUTPUT TAPS:       | 2V (1 Volt=100KV)                      |
| TEMP. COEFFICIENT: | 75PPM                                  |
| ACCURACY:          | 0.2%                                   |
| SIZE:              | 24" (H) Max.<br>Termination 12" toroid |
| OUTPUT CONNECTOR:  | BNC                                    |



#### DESCRIPTION:

GAMMA MODEL HVD-200 provides laboratory or production facilities with an excellent method for measuring high voltage with an accuracy better than 0.2%. The GAMMA divider is designed for use with standard digital voltmeters or differential voltmeters. The 4000 megohm input impedance is ideal for measuring high voltage, low current sources which would be over loaded by traditional impedance dividers.

A 12" toroidal high voltage bushing eliminates leakage due to corona, allowing voltage divider ratio integrity to be maintained up to 200KV.

#### HVD-200-S SPECIFICATIONS

Model HVD 200-S is identical to Model HVD 200 with the exception of a temperature coefficient of 25ppm



# GAMMA HIGH VOLTAGE RESEARCH INC.

*Designers/Manufacturers-High Voltage Power Supplies*  
1096 NORTH U.S. #1, ORMOND BEACH, FL 32174 \* TEL. 386-677-7070, FAX 386-677-3039