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## **frequency and dv/dt generator**

**0.2 – 20kHz**

**5.0 – 50.0 kV/ $\mu$ s**

### Signal generator

wave form	trapezoidal independent adjustment of rising and descending slope
frequency	0.2 to 20kHz adjusted by means of a potentiometer (with scale)
dV/dt	5.0 to 50kV adjusted by means of a potentiometer (with scale)
Voltage	positive mode 100 to 2000V by means of a potentiometer with digital display negative voltage at 0 negative mode -100 to -2000V by means of a potentiometer with digital display positive voltage at 0 bi-polar mode independent adjustment of positive and negative voltage +/-100V to +/-2000V
Output load:	capacity of max. 100pF at 50kV/ $\mu$ s
Current at peak voltage	2mA max., independent of applied voltage
Output connector	BNC (voltage and ground)

### Note:

For optimum performance that load shall be placed at very short distance of the output connector