

Gain Settings, March 6 2018

Using the “Measure” function on the scope to read off the area under the signal in nano-volt seconds, and then plugging in the result to the equation below. R = 20,000 Ohms.

$$\int V dt = R \int I dt = RQ$$

$$G = \frac{Q}{227 \times e}$$

Gas Mixture	HV for 10 ⁵ gain
80:20	2050 V
90:10	1800 V