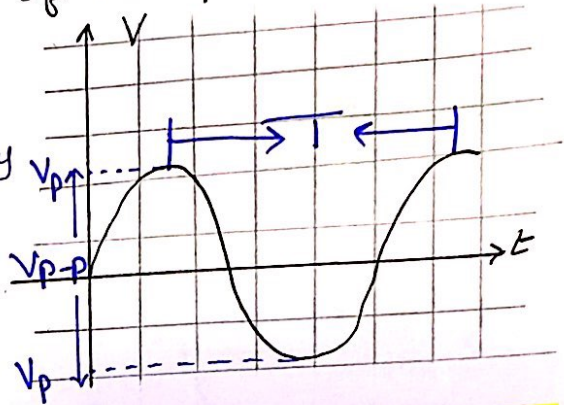


Experiment 5: Digital Storage Oscilloscope (DSO)

DSO :-

- used to view signals graphically
- used to provide measurements of : Amplitudes, frequencies and phase differences

Input connectors:
 ch1 } Wave form display
 ch2 }
 EXT TRIG for an external trig



Taking measurements:-

- you can count divisions → you can use button Measure
- you can use cursor

Buttons:-

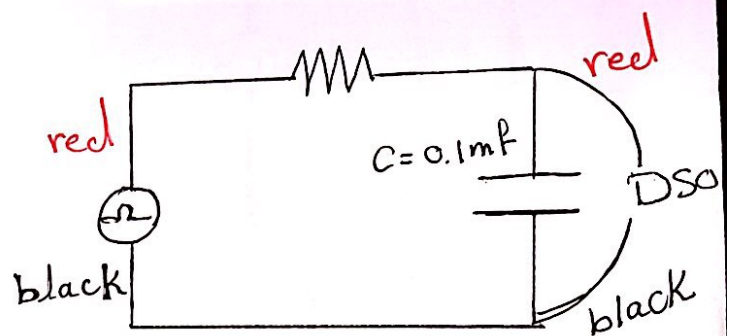
Amp 1 : output $\rightarrow \frac{V_p}{\sqrt{2}}$

Range:-
1-1 MHz

$$V_{rms} = \frac{V_p}{\sqrt{2}}$$

root mean square

Internal Mode	external Mode
x-axis $\rightarrow$ freq.	freq.
y-axis $\rightarrow$ voltage	No time on any axis



Alaa Itaiwi

Signal Generator :-

- تنظيم : ١- شدة الموجة
٢- التردد
٣- نوعها

Alaa Flawi