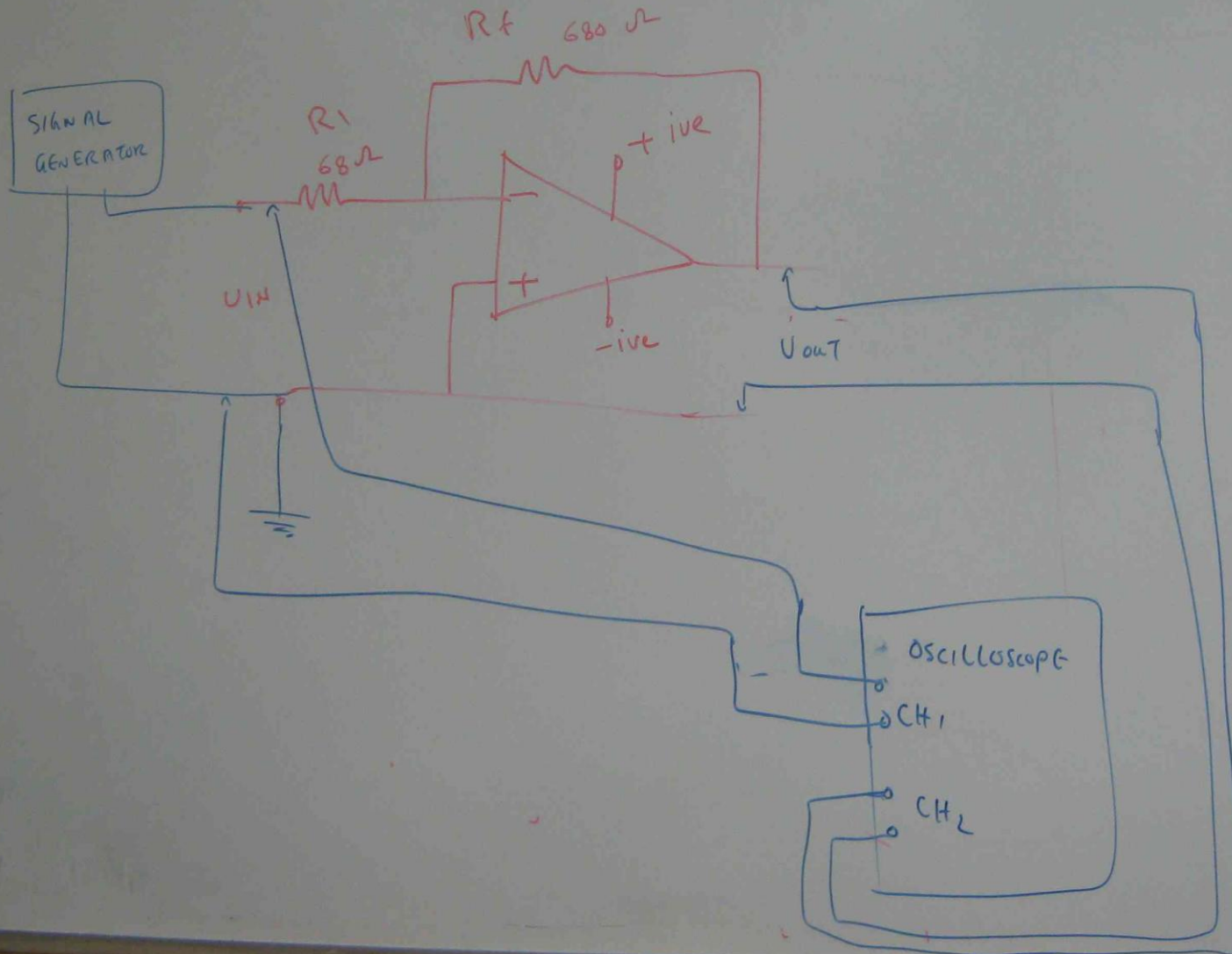


# INVERTING AMPLIFIER



INJECT INPUT VOLTAGE & FREQUENCY

SKETCH IN PUT & OUT PUT WAVE FORMS FOR

	INPUT VOLTAGE	INPUT FREQUENCY	INPUT WAVE SKETCH	INPUT PEAK TO PEAK VALUE	INPUT RMS = $\frac{V_{p-p}}{\sqrt{2}}$	OUTPUT WAVE
1						
2						
3						

IN PUT PEAK TO PEAK VALUE

$$IN\ PUT\ RMS = \frac{V_{p-p}}{\sqrt{2}}$$

OUT PUT WAVE SKETCH

O/P PEAK TO PEAK

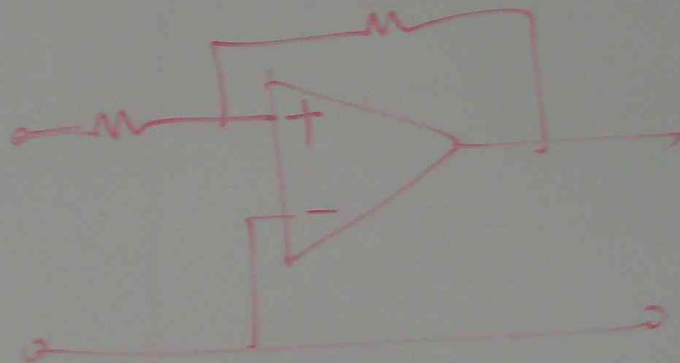
OUT PUT RMS

$$A_V = \frac{V_o}{V_i}$$



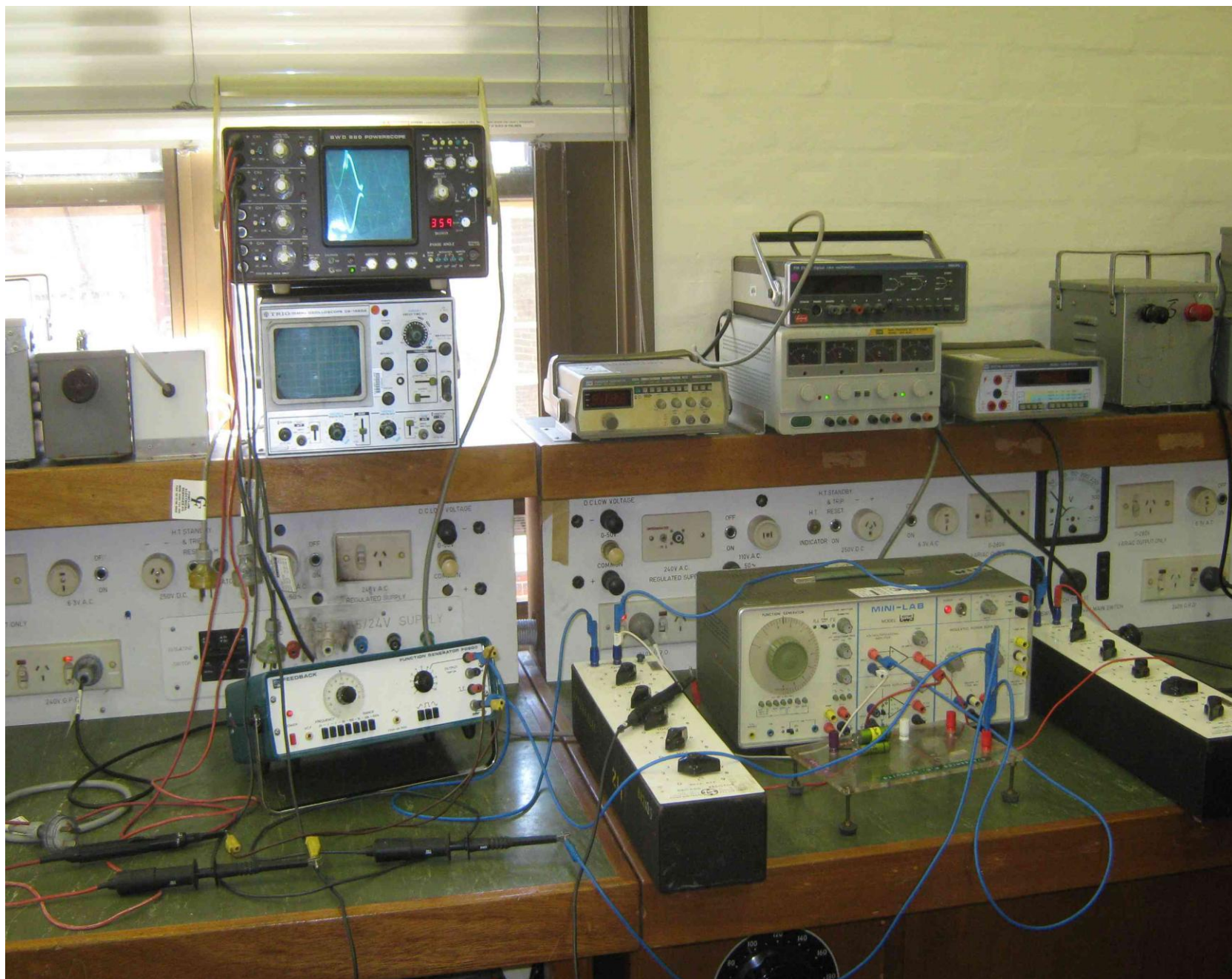
IN REAL DESIGN  $68\Omega \rightarrow 68K$   
 $680\Omega \rightarrow 680K$

CONNECT THE FOLLOWING CIRCUIT



SHOW WHERE WILL YOU MEASURE

INPUT & OUTPUT SIGNALS.



1  
0 1000'S  
25 mA

3 6  
2 7  
0 100'S  
80 mA MAX.

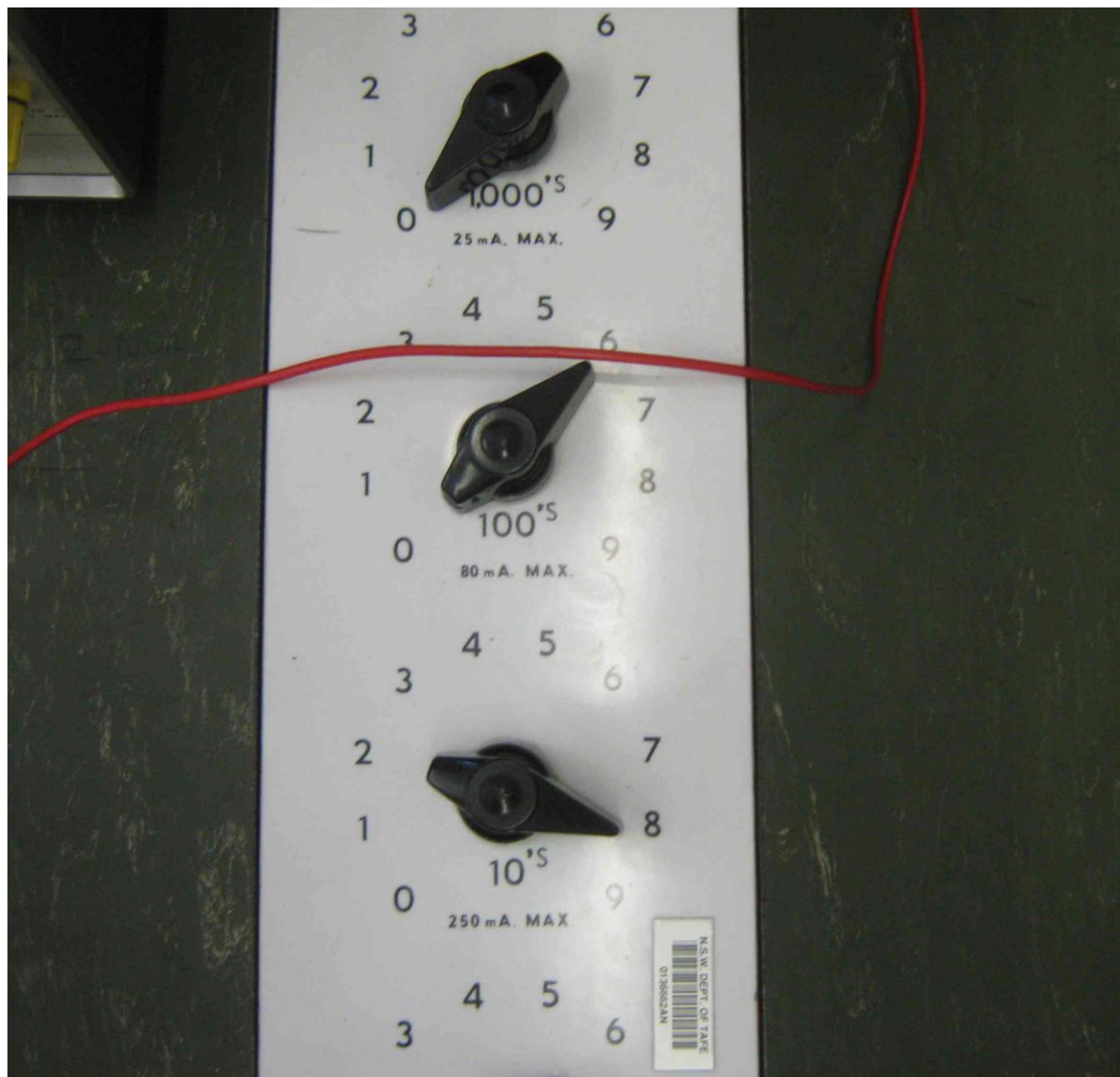
4 5  
3 6  
2 7  
1 8  
0 10'S  
250 mA MAX.

4 5  
3 6  
2 7  
1 8  
0 1'S  
800 mA MAX

DECADE RESISTOR  
TYPE DR-1 No. 4

PATON ELECTRICAL PTY. LTD SYDNEY

BENCH A





FEEDBACK

FUNCTION GENERATOR FGE



OUTPUT  
Vpk-pk

POWER

VCF

FREQUENCY

RANGE

.01 - .1 - 1 - 10 - 100 - 1k - 10k - 100k



2Vpk-pk 600Ω



777



