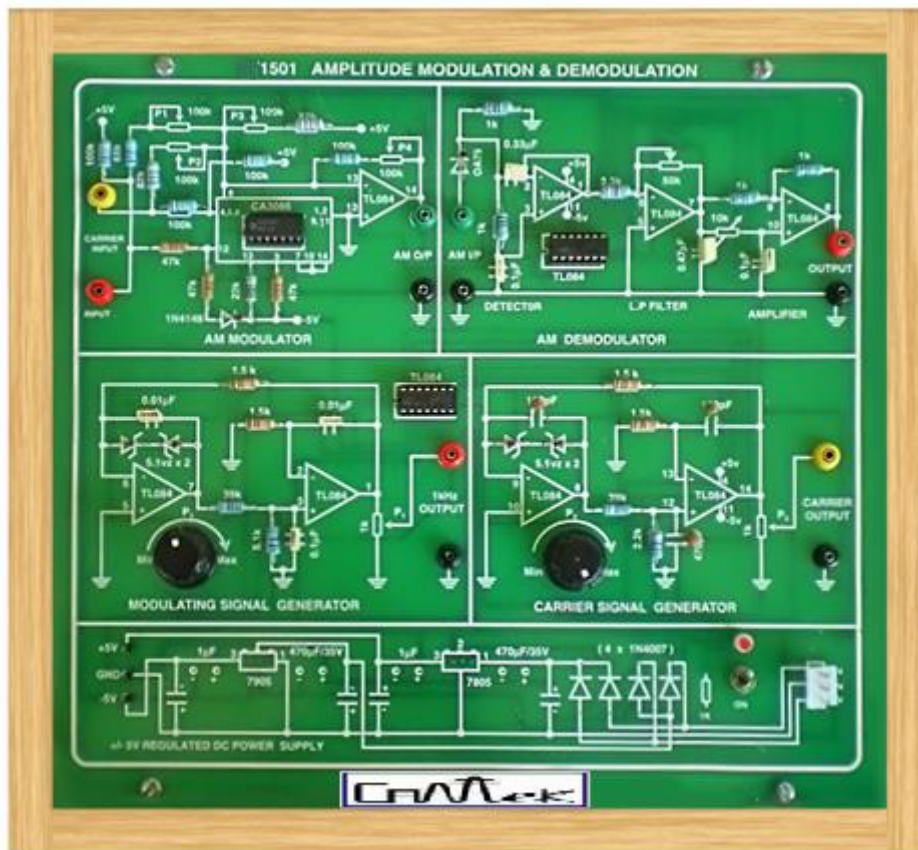


CALTEK COMMN ITEMS:-



Model NoCT1501: AMPLITUDE MODULATION & DEMODULATION : TRAINER

AMPLITUDE MODULATION IS IMPLEMENTED BY MEANS OF A VARIABLE TRANSCONDUCTANCE FOUR QUADRANT MULTIPLIER DESIGNED AROUND CA3086. ONBOARD CARRIER AND MODULATING SIGNALS ALONG WITH POWER SUPPLIES ARE PROVIDED. A DETECTOR AND A LOW PASS FILTER ARE PROVIDED TO DEMODULATE THE SIGNAL. MODULATION INDEX, DEPTH OF MODULATION, ETC., ARE STUDIED USING THIS TRAINER.

HARDWARE SPECIFICATIONS:

<ul style="list-style-type: none"> ■ +/- 5V/500 MA DC POWER SUPPLY 	<ul style="list-style-type: none"> ■ CARRIER GENERATOR AT 100 KHz
<ul style="list-style-type: none"> ■ MODULATING SIGNAL GENERATOR AT 1 KHz 	<ul style="list-style-type: none"> ■ AMPLITUDE MODULATOR
<ul style="list-style-type: none"> ■ AMPLITUDE DEMODULATOR 	<ul style="list-style-type: none"> ■ SET OF 4mm PATCH CHORDS & MANUAL