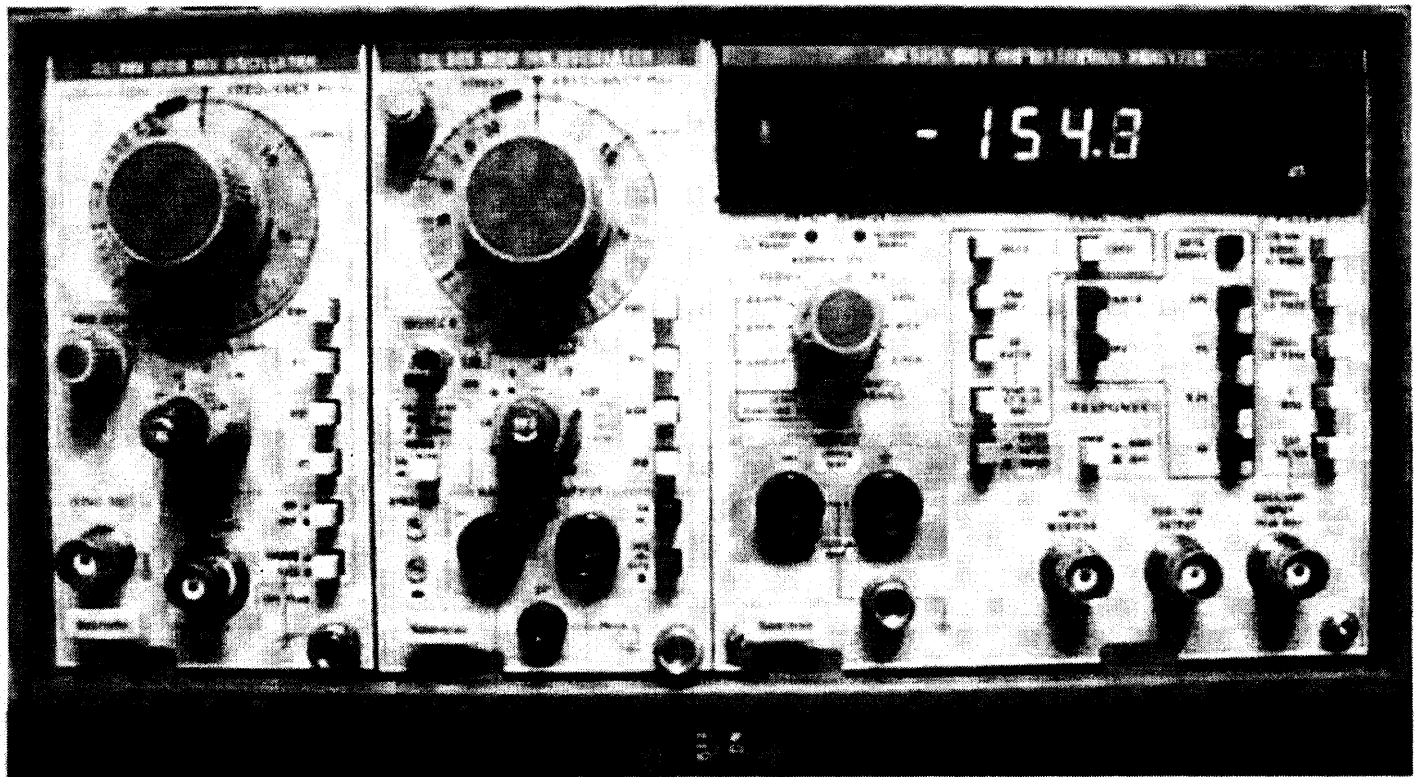


Tektronix

COMMITTED TO EXCELLENCE



Distortion Test set MOD WQ

Operators Manual

PLEASE CHECK FOR CHANGE INFORMATION
AT THE REAR OF THIS MANUAL.

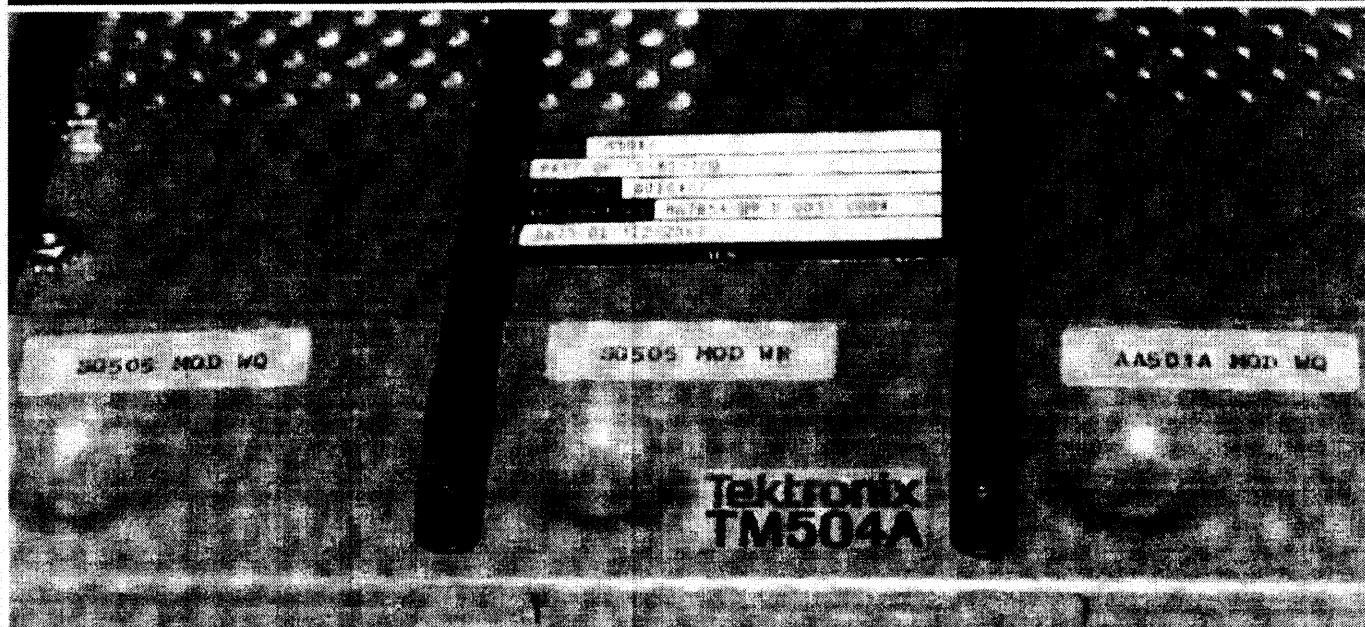
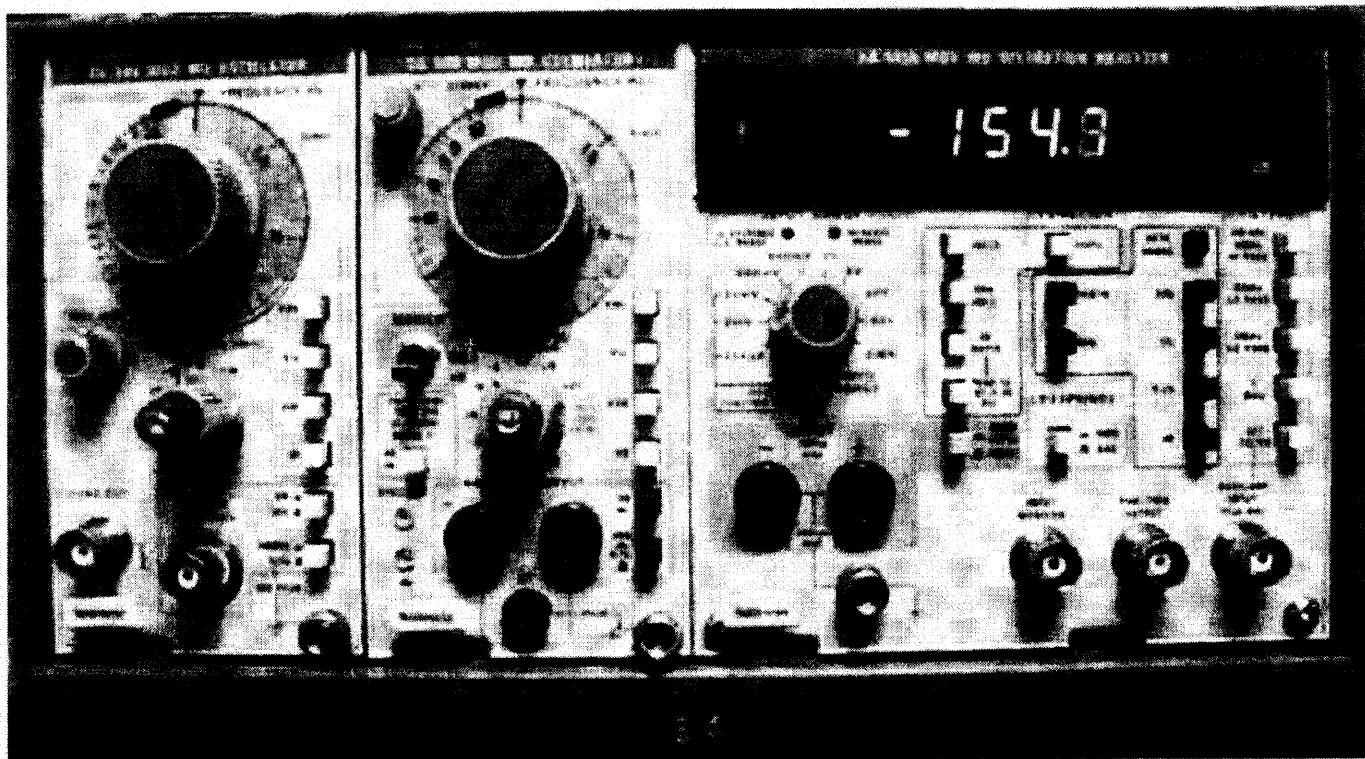
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Serial Number _____

Product Group 75

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Positioning of the plug-ins in the TM504A case for cross-talk capability. See notes about the differences in the standard TM504 and TM504A backplane.



Option 01 - Provides IM Test Signal

Option 02 - Balanced Input

In the -WR unit, the output is fully balanced and floating with a center tap that can be attached to the system ground or either side of the output signal.

Tektronix SG 505 Low Distortion Oscillator has the following features:

10 Hz - 100 kHz Sine Wave Output

Ultra Low Distortion (<0.0008%)

+10 to - 60 dBm output in 8 steps

600 Ohm Output impedance

Option 01 Provides IM Test Signal

Tektronix SG505 Model WR Low Distortion Audio Signal Generator plugin for use in testing audio equipment. Coupled with the AA501A Distortion Analyzer you have a complete audio equipment test set.

Features:

10 Hz - 100 kHz Sine Wave Balanced Output

Ultra Low Distortion Output

+22 to - 60 dBm output in 8 steps

Selectable 50/600/150 Ohm Output impedance

IM Test Signal Option *

*** The IM test signal option consists of a buffer amplifier that, when the IM button is pressed, patches in an EXTERNAL signal from the backplane of the mainframe. The model WR is a specially modified "Option 02" SG505 that accepts an external IM signal instead of generating it internally. Originally it was intended to accept an adjustable frequency IM signal from an SG505-WQ plugged in next to it in a TM504A mainframe. This allowed the IM frequency to be adjusted instead of having the fixed 60 or 250Hz signal of the "Option 02" version. It is not necessary to have the WQ or to patch in any external signal to use the WR UNLESS you wish to use the IM function, in which case an external signal will be required. It is also possible, with some skill, to modify this unit back to the "Option 02" configuration.**