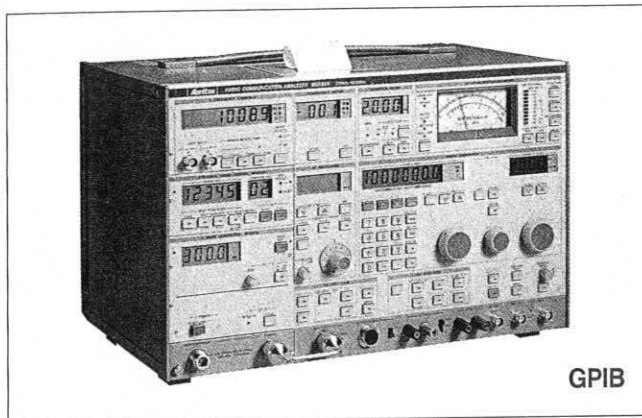


## RADIO COMMUNICATION ANALYZER MS555B

25 to 1000 MHz



GPIB

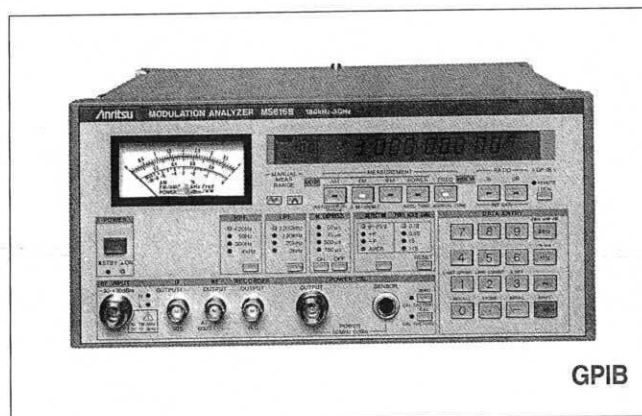
The MS555B is a versatile, compact and portable test instrument with a frequency range of 25 to 1000 MHz. It includes all the necessary instrument for both transmitter and receiver testing, and can measure such fundamental characteristics as output power, frequency, FM deviation, sensitivity, signal-to-noise ratio, distortion, etc. The MS555B has a host of features that make many discrete instruments obsolete. For example, with its excellent frequency stability and low residual noise, the built-in signal generator is ideally suited to the production and maintenance of narrow-band 400 MHz transceivers and 800/900 MHz band radiotelephone systems. Moreover, thanks to an internal microprocessor, the MS555B can make automatic measurements via the GPIB when connected to an external computer controller. The built-in printer also provides convenient hard copies.

### Features

- This instrument includes a power meter, frequency counter, FM deviation meter, AF level meter, SINAD meter, AF oscillator, synthesized signal generator and DC voltmeter, all in a single cabinet. Additional options include a tone generator, signalling unit for personal radio, and weighting filter\*.
- \*: ITU-T, C-MESSAGE

## MODULATION ANALYZER MS616B

150 kHz to 3 GHz



GPIB

The MS616B features an extremely wide bandwidth combined with a variety of functions for measuring signal frequencies, modulation characteristics, power and other parameters. In fields ranging from mobile radio to commercial broadcasting and component testing, the MS616B can perform all basic measurement with a single unit. The MS616B achieves its excellent performance through use of a synthesized local oscillator. At a received signal frequency of 1000 MHz, the residual FM component of the local oscillator is below 2.5 Hz. This high signal purity enables extremely stable and accurate modulation measurements.

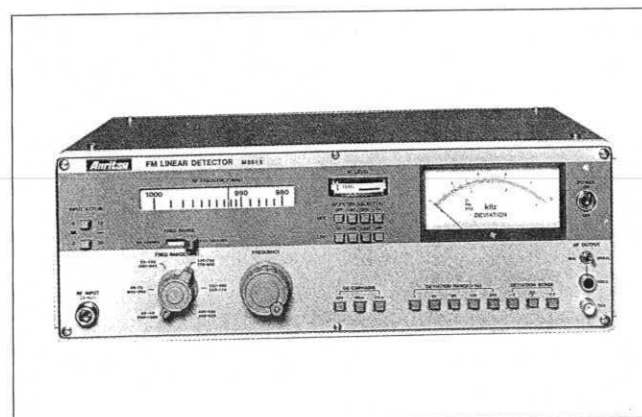
Operation of the MS616B is simple. With the MS616B's automatic tuning capability, it is easy to select a function and start measuring, so that anyone can perform accurate and reliable measurements. Moreover, both analog and digital displays are provided to simplify adjustment procedures. The MS616B also has a GPIB interface to allow applications in labor-saving automatic measurement systems.

### Features

- Measures AM, FM,  $\phi$ M, frequency, and power
- Synthesized local oscillator
- Automatic tuning function
- Both analog and digital displays provided to simplify adjustment
- Store and recall of ten panel settings

## FM LINEAR DETECTOR MS61A/B

20 to 1000 MHz



The MS61A/B is a high-quality universal FM linear detector that satisfactorily meets all the requirements for FM linear detection in all types of FM fields, from broadcasting in the VHF and UHF bands to all sorts of other communications and radio equipment and signal generators. As a detector for AM-FM stereo broadcasting, the MS61B has improved channel separation over the MS61A, particularly in the low-frequency range.

### Features

- Superior S/N ratio and distortion factor
- The MS61B has an excellent FM stereo characteristic.
- The demodulation frequency range is a wide band of 10 Hz to 200 kHz.
- Differential characteristics are extremely superior due to a new demodulation system and tuning indication based on a unique system.