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Basic Spectrum Analyzer for Digital TV

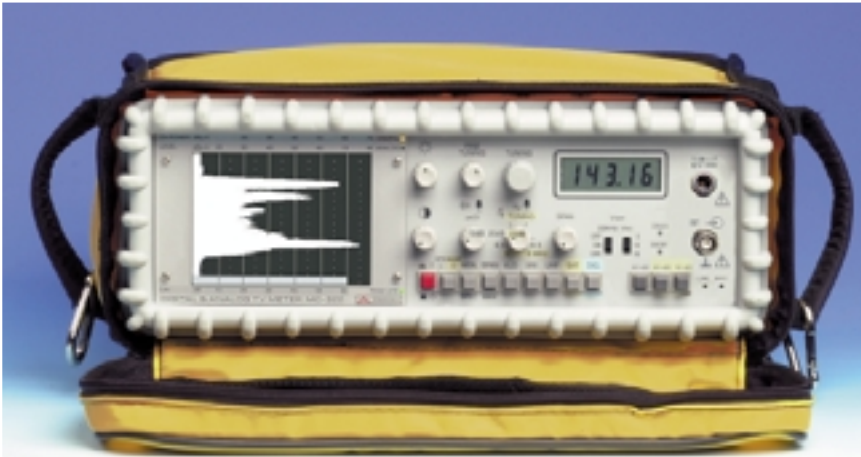
MC-577

The **MC-577** is a compact, light-weight, portable instrument which includes all current measurement functions required during analog and digital TV installation.

The MC-577 includes a DC input car-lighter connector, one input for both terrestrial and satellite up to 2150 MHz improved spectrum sensitivity.

The Spectrum Analyzer mode enables all the signals present in a band to be viewed on the monitor. The bandwidth represented in the spectrum mode can be selected as either the complete band or a bandwidth defined by the user (from approximately

1/3 of the band in use to approx. zero). In the Monitor mode, the instrument demodulates the analog TV signal, which enables a terrestrial or satellite television channel to be identified and its reception observed. The signal level in monitor mode is represented by an analog bar at the top of the image. The bar length varies in proportion to the power received. In addition it enables the line synchronization pulse to be observed on the top center of the screen.



The **MC-577** enables the user to easily take the following measurements: analog signal levels, digital channel power and Carrier to Noise ratio (C/N) in analog and digital channels.