

# TR1300/1 FOR LAND MOBILE RADIO

## ➤ **Versatility**

Due to its versatility, the TR1300/1 enables LMR users to accomplish a variety of tasks. The instrument can be used in the shop to verify isolators, tune duplexers, combiners, and more with unparalleled accuracy. Engineers are able to easily tune racked equipment in place due to the instrument's portability. It also enables users to comprehensively perform periodic maintenance while in the field.

## ➤ **High Dynamic Range**

The TR1300/1 features dynamic range of 130 dB. It is a metrology-grade instrument that gives technicians the ability to verify high channel to channel isolation due to its high dynamic range.

## ➤ **Distance to Fault (DTF) Measurement**

Time domain measurement capability comes standard on this instrument, allowing users to make distance to fault measurements. Additionally, antenna and feed-line performance can be easily verified.

## ➤ **Multiple Ports**

Unlike single port alternatives, this 2-port USB VNA is capable of tuning filters and transmit combiners. The TR1300/1 can also be used to verify Tx to Rx isolation of a site duplexer.

## ➤ **Convenience**

The instrument's compact size and portability make it convenient for any setting and the external PC gives users a much bigger display, leaving no room for visual misinterpretations.

## ➤ **Affordable Cost**

The convenience, capabilities and performance of the TR1300/1 give technicians the functionality of multiple test and measurement instruments at a cost that is affordable for small radio/broadcast operations.