



LBA Group, Inc.

Excellence in RF/telecommunications support since 1963

Rev. 10.2023



MODEL 3013 SWR TRUE

30-2700 MHz



A breakthrough in Antenna Analysis

- SWR TRUE 3013 Antenna Analyzer allows quick, handheld antenna system tuning and trouble-shooting
- A cost-effective antenna SWR analyzer covering all cellular and mobile radio communication bands
- Measures antenna SWR, return loss and bandwidth by sweeping target frequencies
- RF sweep -- User selected bandwidth and center frequency with built-in synthesizer
- Store measurements on internal and external media for analysis and documentation
- Time stamp and operator ID feature
- Direct sunlight LCD Display with backlight in darkness
- High capacity, rechargeable batteries for full day usage
- Accessory Kit: Includes a soft carrying bag(#3013-ACC) or a hard Peli case(#3013-FULL), car charger, and coax adapters for standard types; available upon request and sold separately.

COMM - connect



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SPECIFICATIONS

Model	SWR TRUE Type 3013
Application	Measurement of SWR in 50 Ω transmission lines
Frequency range	30->2700 MHz entered as centre and span
Center Frequency	30 to 2700 MHz.
Span	0 to 2670 MHz.
Frequency stability	± 20 ppm
Measurement range	1.0<SWR<9.9, 0<dB<-30dB
Impedance	Nom. 50 Ω
Generator output	Approx. -4dBm
Max. input on test terminal	100 mW
Tolerance on SWR reading	30-1000MHz) $\pm 5\%$; 1000-1600MHz $\pm 10\%$; and 1600-2700MHz $\pm 15\%$
Operating temperature range	0° C-> + 50° C
Storage temperature range	-30°C -> + 50° C
Connectors	"N"-female RF test connector. USB A type for memory key. USB B type for serial PC communication. Mini DIN for RS232 communication up to 38400 Baud
Power supply	4 NiMH type AA rechargeable batteries (Batteries, NiMH rechargeable and 110VAC/7.5VDC charger supplied)
Auto Power off	For battery economy, SWR TRUE automatically turns off 3 min. after last entry
Normal operating use	Fully charged: More than 10 hours.
Colour	Silver/blue
Width	82 mm
Depth	31 mm
Height	165 mm
Weight	500 gram (incl. Batteries)
EMC	Complies with directive 89/336EEC as amended by 92/31EEC and 93/68/EEC
Standards	Emissions: EN 61000-6-4: 2001 Immunity: EN 61000-6-2: 2005

TO ORDER:

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