



# LBA Group, Inc.

Excellence in RF/telecommunications support since 1963



MODEL 3013  
**SWR TRUE**  
30-2700 MHz



## A breakthrough in Antenna Analysis

- SWR TRUE 3010 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

**COMM** - connect



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## SPECIFICATIONS

Model	SWR TRUE Type 3013
Application	Measurement of SWR in 50 $\Omega$ 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	$\pm 20$ ppm
Measurement range	1.0<SWR<9.9, 0<dB<-30dB
Impedance	Nom. 50 $\Omega$
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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