

## ACE 5400™ RF Carriers for Alignment and Testing

The ACE 5400™ portable RF signal generator has four agile carriers that can be activated individually or in any combination. The frequency and amplitude of each carrier is adjustable.

The ACE 5400™ generates CW signals that are stable and spectrally clean. It is ideal for testing and aligning CATV return paths and commercial and institutional networks. The ACE 5400's™ basic and straightforward performance makes it ideal for applications that require a precise, stable RF stimulus.

## Four Carrier Signal Generator ACE 5400™



**AGILE CARRIER GENERATOR**  
5-100 MHz

*"Reliability through Simplicity"*

# ACE 5400™ Four Carrier Signal Generator

## FEATURES

- Agile frequency and amplitude settings
- Field portable, compact, rugged design
- Strong, fast charge, internal battery
- Easy to use keypad
- Carriers are activated individually
- Carriers are very stable and precise
- Output is spectrally clean
- PC and field programmable
- Programmable frequency-lock (to prevent accidental interference)
- Store and label multiple frequency plans

## STANDARD ACCESSORIES

- Padded carrying case and shoulder strap
- Transformer for charging battery, 120V or 230V
- Serial cable and PC setup software disc
- Spare F connector
- Operation manual

Accept VISA, MasterCard, Amex, Discover

## SPECIFICATIONS

Each of the Four RF Carriers

Type .....	Continuous Wave (CW)
Frequency	
Range .....	Tunable from 5 to 100 MHz in 10 kHz steps
Accuracy .....	Within 0.025% or 2.0 kHz (the greater value)
Amplitude	
Range .....	+30 to +50 dBmV (90 to 110 dBμV)
Selectable Increments .....	1 dB steps
Accuracy .....	± 1.0 dB

Spectral Purity..... at least -55dBc (When carrier is set to maximum output level)

Output Impedance..... 75Ω

Operating Temperature Range 0°F to 120°F

Power DC..... (-18°C to +50°C)

Internal Rechargeable Battery

Operation Time per charge ..... (3800 mAh)

Time to Recharge Battery ..... > 7 hours, continuous use

Enclosure Type, Size, Weight .. 3.5 hours fast charge

High impact, molded plastic,  
8.5"W x 6.5"H x 3.25"D, 4.5 lbs. (21.5cm x 16.5cm  
x 8.25cm, 3.63kg)

Specifications subject to change without notice

Charge Jack and  
Serial Cable Jack  
(located on side)



Field Replaceable  
RF Output  
F Connector  
(located on side)

5230 Elmwood Ave.

Indianapolis, Indiana 46203 USA

Tel: (317) 782-4331 Fax: (317) 786-9665

Toll Free in USA: 1-800-244-2976

<http://www.appliedin.com>

 **APPLIED INSTRUMENTS, INC.**  
TELECOMMUNICATIONS INSTRUMENTATION