

Wireless

2945B Communications Service Monitor

AEROFLEX
A passion for performance.



A compact, lightweight and rugged instrument that allows laboratory standard measurements to be conducted in the field

- Rugged lightweight package
- Full span spectrum analyzer with 'live' look and listen
- Tracking generator with full offset tracking
- Accurate power measurement to 150 W
- 5 W protection on all RF ports as standard
- Color transfective superfast LCD with rapid refresh rate for easy monitoring and real time adjustment
- 50 kHz DSO (Digital Storage Oscilloscope) with anti-aliasing
- Transient and Harmonic analysis

The 2945B Communications Service Monitor is the lightest, most rugged service monitor available with a full performance spectrum analyzer as standard. For field work the 2945B provides an excellent combination of instruments for all types of maintenance work. In the workshop, it provides all of the performance you would expect for exacting measurements.

Field Operation

At under 12 kg (25 lb), the 2945B lightens the load to remote sites. The shape of the 2945B is ideal for carrying. The side handle ensures that the instrument is clear of the stairs when ascending buildings and the depth is suitable for the 2945B to be operated comfortably when it is placed on the floor.

A large color transfective (improved sunlight readable) display aids operation under harsh viewing conditions.

An optional bail arm is also available. This option allows a stowage cover to be fitted over the front panel for storage of adapters and further protection to the instrument's front panel. A selection of cases are available including a hard transit case, standard soft carrying case or an integrated soft carrying/optional case allowing full operation without removal from the protective case.

Internal Battery

Utilizing NiMH technology the internal battery option provides 60 minutes operation in the field.

Compact and light the 2945B is equally at home in the field as on a bench.

Fast Warm Up - Fast Results

The standard TCXO allows results to be made reliably within a minute of switch on. Where even better stability is required, an optional OCXO is available.

Stored settings may be recalled from internal memory or from a memory card, allowing fast and straightforward setting up.

Fast Full Performance Spectrum Analyzer - provided as standard

The spectrum analyzer provides spans from 100 Hz per division to