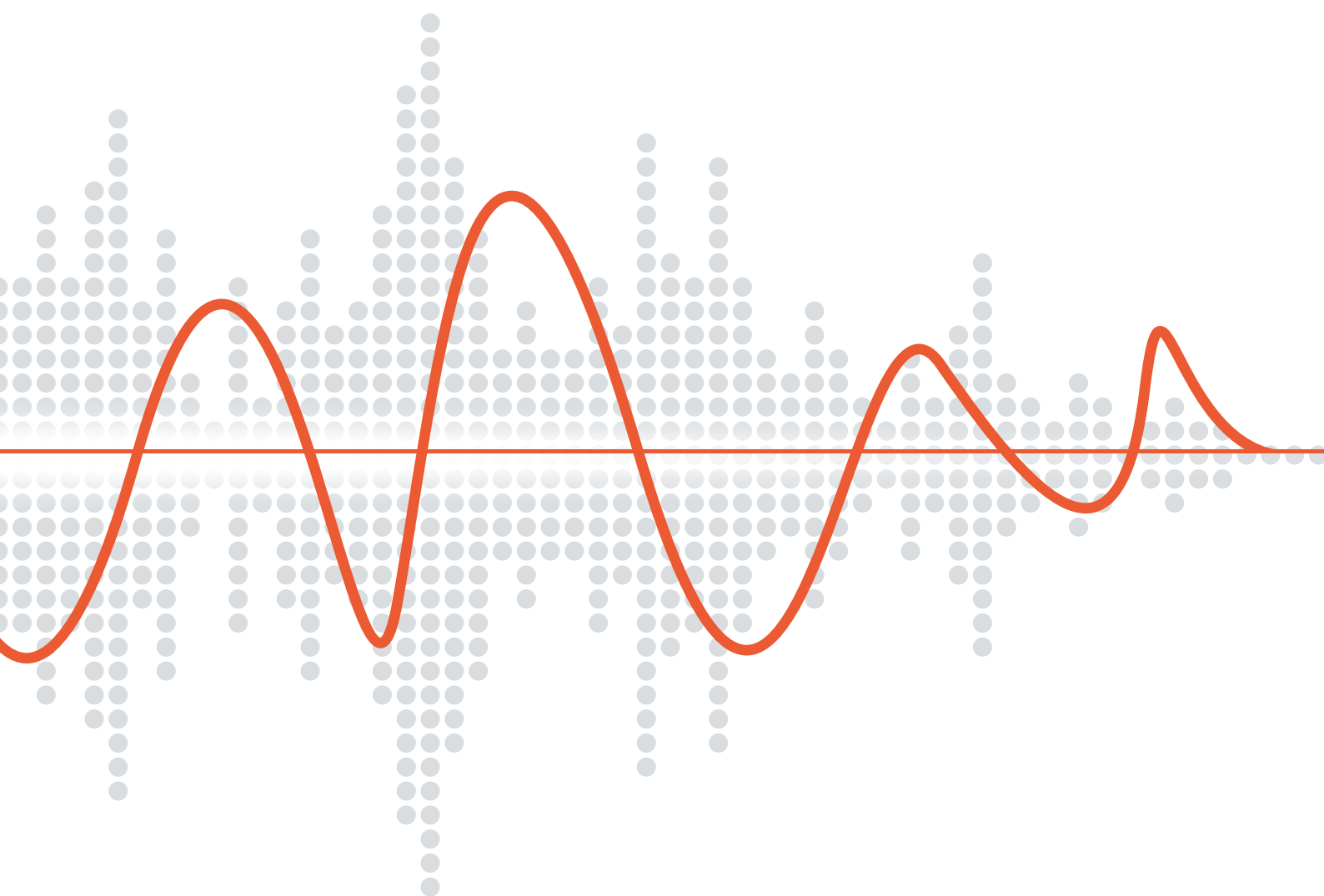


# Catálogo de equipos de prueba de RF

Una mejor forma de adquirir su equipo



## Test y medidas de RF – Desde el principio

Durante más de 50 años, Electro Rent ha suministrado equipos de medidas de RF a la industria, permitiendo a nuestros clientes diseñar y probar productos para la industria aeroespacial y de defensa, comunicaciones por satélite, semiconductores, automoción, comunicaciones móviles y otros ámbitos.

## Su principal socio en equipos de medidas

Anteriormente Microlease y Livingston, en Electro Rent somos expertos en equipos de medidas de RF. Sabemos lo que se necesita para ofrecer las configuraciones adecuadas a tiempo con soluciones de alquiler y financieras que tengan sentido para su organización.

A través de nuestra flota global de activos de equipos electrónicos de prueba por valor de 1000 millones de euros de más de 200 fabricantes, estas soluciones ayudan a las empresas a resolver los retos de las pruebas y mediciones en el cambiante entorno empresarial actual.

## Descubra nuestro amplio inventario

Consulte nuestro catálogo para conocer nuestras ofertas de equipos de medidas de RF más populares. Si no encuentra lo que busca, llámenos. Tenemos miles de modelos adicionales en stock y continuamente llegan nuevas adquisiciones.

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## Alcance mundial, apoyo local

Con el apoyo de nuestro inventario global, ayudamos a las empresas de todo el mundo con una asistencia local, centros logísticos y conocimientos técnicos inigualables.

Nuestras innovadoras soluciones de adquisición de pruebas están diseñadas para integrarse perfectamente en sus operaciones actuales. Trabajamos con usted para reducir el coste total de las pruebas, aumentando la productividad y reduciendo los gastos generales de gestión de equipos.

|                                     |                              |
|-------------------------------------|------------------------------|
| 50<br>años innovando                | 23<br>sedes en todo el mundo |
| 600<br>miembros en el equipo global | 180<br>expertos en pruebas   |
| €1bn<br>de inventario               | 60k+<br>instrumentos         |
| 200+<br>fabricantes                 | 12k<br>gamas de productos    |

## Soluciones de alquiler de equipos de prueba líderes del sector

Lo último en flexibilidad, nuestros paquetes de alquiler ofrecen acceso a los últimos equipos de prueba de forma rápida y asequible. Con el mayor inventario del mundo y una inversión constante para mantener actualizada nuestra cartera de productos, el alquiler le ayuda a acceder a los equipos más recientes, cuando y donde los necesite.

### FLEXIBILIDAD TOTAL

Actualice, amplíe o finalice su alquiler según sus necesidades

### PRESENCIA LOCAL

Centros logísticos locales y oficinas de venta y asistencia

### INVENTARIO EXTENSO

Miles de instrumentos en stock y listos para alquilar hoy mismo

### ENTREGA RÁPIDA

Entrega a menudo en 24-48 horas desde la realización del pedido

### PAGUE POR EL USO, NO DE POR VIDA

Alquiler desde una semana, con planes económicos a largo plazo

### APOYO EXPERTO

Asistencia y asesoramiento de nuestro equipo de especialistas, con el apoyo de nuestros socios fabricantes originales de equipo (OEM)

### SIN COSTES DE PROPIEDAD

Mantenimiento y calibración incluidos

### LA ÚLTIMA TECNOLOGÍA

Nuestro inventario actualizado y renovado garantiza que siempre pueda disponer de los últimos equipos

Ofrecemos asesoramiento independiente sobre productos de más de 200 fabricantes líderes del sector.




**Keysight N9041B** | UXA Signal Analyzer; 2 Hz to 110 GHz

- Analysis Bandwidth to 1 GHz for 5G, 802.11ad & 802.11 be and Automotive Radar
- DANL of -150 dBm/Hz >50 GHz
- Dual RF Inputs: 2.4 mm to 50 GHz, 1.0 mm to 110 GHz
- Real-time Streaming up to 40 MHz


**Rohde & Schwarz FSW26** | Signal and Spectrum Analyzer; 2 to 26.5 GHz

- Analysis Bandwidth to 2 GHz
- Advanced Radar Analysis Functions
- DANL of -159 dBm/Hz @ 2 GHz
- Phase Noise: -140 dBc/Hz @ 1 GHz Carrier (10 kHz Offset)
- Popular Model with Over 50 Configurations


**Keysight N9021B** | MXA Signal Analyzer; 10 Hz to 50 GHz

- Real-time I/Q Data Streaming
- Analysis Bandwidth to 510 MHz
- Phase Noise: -136 dBc/Hz @ 1 GHz Carrier (10 kHz Offset)


**Rohde & Schwarz FSV3044** | Signal and Spectrum Analyzer; 10 Hz to 44 GHz

- Analysis Bandwidth of 200 MHz
- DANL < -162 dBm
- Phase Noise: -114 dBc/Hz @ 1 GHz Carrier (10 kHz Offset)


**Keysight N9030B** | PXA Signal Analyzer

- Frequency Ranges: 2 Hz to 3.6, 8.4, 13.6, 26.5, 44, 50 GHz
- Analysis Bandwidth to 510 MHz
- Phase Noise: -136 dBc/Hz @ 1 GHz Carrier (10 kHz Offset)
- Popular Model with Over 100 Configurations


**Keysight N9032B** | PXA Signal Analyzer; 2 Hz to 26.5 GHz

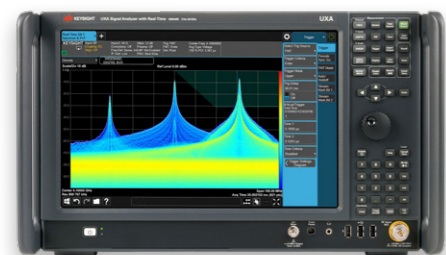
- Analysis Bandwidth to 2 GHz
- LNA with Preamp for Low-Level Signals and Noise Figure
- Low DANL (-174 dBm) for better EVM sensitivity
- Preconfigured with 5G NR, and PowerSuite Measurements


**Keysight N9020B** | MXA Signal Analyzer

- Frequency Ranges: 2 Hz to 3, 8, 13, 26.5, 32, 44, 50 GHz
- Analysis Bandwidth of 160 MHz
- Phase Noise: -114 dBc/Hz @ 1 GHz Carrier (10 kHz Offset)
- Popular Model with Over 70 Configurations


**Keysight N9000B** | CXA Signal Analyzer

- Economy Version of X-Series Signal Analyzers
- Frequency Ranges: 9 kHz to 3, 7.5, 26.5 GHz
- Tracking Generator Option


**Keysight N9040B** | UXA Signal Analyzer; 2 Hz to 50 GHz

- Real-time I/Q Data Streaming
- Analysis Bandwidth to 2 GHz
- Phase Noise: -136 dBc/Hz @ 1 GHz Carrier (10 kHz Offset)
- Over 50 Configurations available.


**Rohde & Schwarz FSW50** | Signal and Spectrum Analyzer; 2 Hz to 50 GHz

- DANL of -129 dBm at 50 GHz
- Full Band 50 GHz Preamp Available
- Phase Noise: -140 dBc/Hz @ 1 GHz Carrier (10 kHz Offset)
- Multiple Software Options Available for Rental

**Escanee  
el Código QR**

Tenemos miles de instrumentos más en nuestro amplio inventario de equipos nuestro amplio inventario de equipos.

**Escanee el código QR para ver toda nuestra selección.**





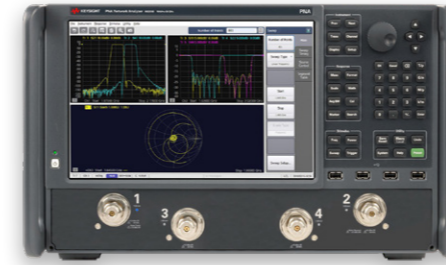
**Keysight N5245B** | PNA-X Microwave Network Analyzer; 900 Hz/10 MHz to 50 GHz

- 2-Port and 4-Port Versions with Configurable Test Sets
- Second Source, Pulse Modulators, Receiver Attenuator Configurations Available
- Separate Noise Receiver Available with Vector Correction
- Compatible E-Cal Calibration Kits Available



**Rohde & Schwarz ZNA26** | Vector Network Analyzer; 10 MHz to 26.5 GHz

- 2-Port and 4-Port Versions with Configurable Test Sets
- Up to 4 Sources Available
- High Dynamic Range 147 dB with Receiver Attenuators
- Internal Pulse Modulators and Pulse Generators
- Wide Range of Software Options Available for Rental



**Keysight N5225B** | PNA Microwave Network Analyzer; 10 MHz to 50 GHz

- 2 and 4-Port Version with Configurable Test Set
- Dynamic Range > 127 dB with High Output Power +13 dBm
- Optional Bias-Tees, Pulse Generators and Modulators



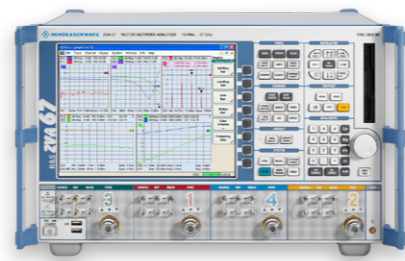
**Keysight N5242B** | PNA-X Microwave Network Analyzer; 10 MHz to 26.5 GHz 2-Port

- Dynamic Range of 130 dB @ 20 GHz
- Output Power +13 dBm
- Multiple Software Options Available for Rental



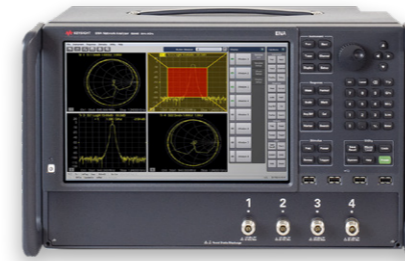
**Keysight N5244B** | PNA-X Microwave Network Analyzer; 10 MHz to 43.5 GHz

- 2-Port and 4-Port Versions with Configurable Test Sets
- Optional Second Source, Pulse Modulators, Receiver Attenuators
- Separate Noise Receiver Available with Vector Correction
- High Dynamic Range: 134 dB at 20 GHz at Test Port
- Multiple Software Options Available for Rental



**Rohde & Schwarz ZVA67** | Vector Network Analyzer; Four Ports, Four Sources, 67 GHz

- High Output Power up to +18 dBm
- Receiver and Generator Attenuators and Pulse Modulators / Generators
- Wide Dynamic Range >140 dB for Fast and Accurate Measurements
- Virtual and True Differential Measurement Modes
- Simultaneous Measurement of Noise Figure And S-Parameters



**Keysight E5080B** | ENA Series Network Analyzer

- 2 and 4-Port Versions
- Maximum Frequency of 9, 20 and 53 GHz
- Low Trace Noise of 0.0015 dB rms
- TDR Options for Signal Integrity Testing



**Keysight E5061B** | ENA Series Network Analyzer / Impedance Analyzer; 100 kHz to 3 GHz

- 3 GHz Network Analyzer and Impedance Analyzer in One Unit
- Gain-Phase Test Port, 5 Hz to 30 MHz for Impedance Measurements
- Compatible with Keysight Component Measurement Fixtures



**Rohde & Schwarz ZNA43** | Vector Network Analyzer; 4 ports, 10 MHz to 43.5 GHz

- Up to 4 Sources Available with Attenuators
- High Dynamic Range 147 dB with Receiver Attenuators
- Internal Pulse Modulators and Pulse Generators
- Full Touchscreen Interface



**Keysight E5071C** | ENA Series Network Analyzer

- Low-Cost VNA with Frequencies: 4.5, 8.5, 20 GHz
- 2 and 4-Port Versions
- Popular Model with Over 100 Configurations Available
- TDR Options for Signal Integrity Measurements

**NOVEDAD** El NUEVO analizador vectorial de redes de la serie ENA-X

**Analizador vectorial de señal E5081A ENA-X Keysight**

Acelere la caracterización de componentes de comunicación 5G y por satélite con el VNA E5081A ENA-X de Keysight. Esta nueva serie de VNA incluye un rango de frecuencia de 20 GHz y 44 GHz y ofrece opciones para receptores de bajo ruido para mediciones de figura de ruido. La nueva técnica de correlación espectral de Keysight permite realizar mediciones EVM rápidas en un VNA de precio medio.





- Keysight N4692D** | Electronic Calibration Module (ECal); 2.92 mm, 2-Port, 40 GHz
- Available in Male/Male (Option M0M), Female/Female (Option F0F), and Male/Female (Option M0F) Connector Configurations
  - Frequency Coverage from 10 MHz to 40 GHz or DC to 40 GHz (Option 0DC)
  - Rentals Include Torque Wrenches for Properly Connecting Standards



- Keysight 85092C** | RF Electronic Calibration Module (ECal); Type N, 2 Port, 300 kHz to 9 GHz
- Fast Full 2-Port Calibration with a Single Connection
  - Simple Non-Insertable Device Calibration
  - USB Interface for Direct Control with PNA and ENA Series of Network Analyzers
  - Rentals Include Torque Wrenches for Properly Connecting Standards



- Rohde & Schwarz ZN-Z54** | Calibration Unit; 2 Ports, 2.92 mm, Female, 9 kHz to 40 GHz
- Automatically Detected Via USB Connection
  - Rentals Include Torque Wrenches for Properly Connecting Standards



- Keysight N4693D** | Electronic Calibration Module (ECal); 2.4 mm, 2-Port, 50 GHz
- Available in Male/Male (Option M0M), Female/Female (Option F0F), and Male/Female (Option M0F) Connector Configurations
  - Frequency Coverage from 10 MHz to 50 GHz or DC to 50 GHz (Option 0DC)
  - Rentals Include Torque Wrenches for Properly Connecting Standards

**Calibration Kits**

| Model  | OEM             | Description                         | Connector | Frequency | Rental Torque Wrenches |
|--------|-----------------|-------------------------------------|-----------|-----------|------------------------|
| 85032F | Keysight        | Standard Mechanical Calibration Kit | N-Type    | 9 GHz     | No                     |
| 85033E | Keysight        | Standard Mechanical Calibration Kit | 3.5 mm    | 9 GHz     | Yes                    |
| 85052D | Keysight        | Economy Mechanical Calibration Kit  | 3.5 mm    | 26.5 GHz  | Yes                    |
| ZN-Z52 | Rohde & Schwarz | Calibration Unit, 4-Port            | 3.5 mm    | 26.5 GHz  | Yes                    |
| 85056D | Keysight        | Economy Mechanical Calibration Kit  | 2.4 mm    | 50 GHz    | Yes                    |
| 85059B | Keysight        | Precision Calibration Kit           | 1.0 mm    | 120 GHz   | Yes                    |



- Keysight E8257D** | PSG Analog Signal Generator
- Popular Model with Over 250 Configurations
  - Frequency Range: 250 kHz to 20, 40, 50 and 67 GHz
  - Low Phase Noise: -138 dBc/Hz @ 1 GHz Carrier (10 kHz Offset) to Address Doppler Radar, ADC and Receiver-Blocking Tests
  - High Power Options Available for +30 dBm Output
  - Characterize Devices and Circuits by Adding AM, FM, φM and Pulse Modulation to Your Signal



- Rohde & Schwarz SMA100B** | Signal Generator
- Frequency Range: 8 kHz to 3, 6, 12.75, 20, 31.8, 40, 50 and 67 GHz
  - Exceptionally Low Harmonics
  - Maximum Output Power Exceeds +30 dBm Across Wide Frequency Range



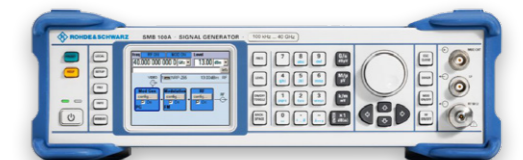
- Keysight N5183B** | Signal Generator
- Frequency Options: 20, 31.8 and 40 GHz
  - Phase Noise: -130 dBc/Hz @ 1 GHz Carrier (10 kHz Offset)
  - Settable range +3- to -135dBm (with options 1E1 and 1EA)
  - Modulation Types Available: AM, FM, φM and Pulse



- Rohde & Schwarz SMA100A** | Signal Generator
- Frequency Range: 100 kHz to 12.75, 20, 31.8 and 40 GHz
  - SSB Phase Noise of -108 dBc/Hz (typ.) at 10 GHz and 20 kHz Offset
  - Analog Modulations with AM, FM, φM and Pulse Modulation Supported



- Rohde & Schwarz SMB100B** | Signal Generator
- Frequency Range: 8 kHz to 1 GHz, 3 or 6 GHz
  - Very Low Wideband Noise of < -153 dBc (typ.) at 15 MHz < f ≤ 6 GHz and an Offset of 30 MHz
  - Ultra-high Output Power of +34 dBm at 1 GHz



- Rohde & Schwarz SMB100A** | Signal Generator
- Frequency Range: 100 kHz to 12.75, 20, 31.8 and 40 GHz
  - SSB phase noise of -108 dBc (typ.) at 10 GHz and 20 kHz offset
  - Analog Modulations with AM, FM/φM and Pulse Modulation Supported



**Keysight E8267D** | PSG Vector Signal Generator

- Frequency Ranges: 20, 32, 44 GHz
- Ultra-Low Phase Noise Options Delivers -143 dBc/Hz @ 1 GHz Carrier (10 kHz Offset)
- Vector Support for Cellular, Wi-Fi, Video Broadcasting, SATCOM and More
- Popular Model with Over 125 Configurations



**Rohde & Schwarz SMW200A** | Vector Signal Generator

- Multiple RF Paths with Frequency Ranges: 3, 6, 20, 40, 44 GHz
- Low Phase Noise Options Delivers -150 dBc/Hz @ 1 GHz Carrier (10 kHz Offset)
- Popular Model with Over 125 Configurations
- Modulation Bandwidths up to 2 GHz



**Keysight UXR0254AP** | Infiniium UXR Real-Time Oscilloscope; 4 Channels, 25 GHz

- Up to 2G Memory with 256 GS/s on All Channels
- 1mm Input Connectors on 4 Phase-Coherent Channels
- AP Version License Key Upgradeable to 110 GHz
- Real-time Digital Down Conversion with 2.16 GHz Bandwidth
- Applications: USB4 v2, PCIe Gen5/6, DDR4/5, Phase Noise



**Tektronix MSO68B** | Mixed Signal Oscilloscope; 8 Channel to 10 GHz

- Frequency Range: 1, 4, 6, 8, 10 GHz Models
- Low Noise Inputs: < 1.25 mV of Noise at 50 mV/div at 10 GHz
- Built-In FFT Spectrum Analysis on all Channels
- 50 GS/s on 2-Channels, 25 GS/s on 4-Channels



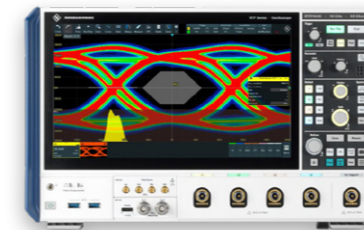
**Keysight N5182B** | MXG Series Vector Signal Generator

- Frequency Range: 9 kHz to 3, 6 GHz
- Low Phase Noise Options Delivers -146 dBc/Hz @ 1 GHz Carrier (20 kHz Offset)
- Output Power of +27 dBm, Low EVM of 0.4% (802.11ac/LTE)
- Real-time Signal Simulation Options
- Popular Model with over 125 Configurations



**Rohde & Schwarz SMBV100B** | Vector Signal Generator

- Frequency Range: 8 kHz to 3, 6 GHz
- High Power Option to +33 dBm
- Generation of Communications Signals: 5G NR, LTE, WLAN
- GNSS with Constellation Simulation



**Rohde & Schwarz RTP164** | High Performance Digital Oscilloscope; 4 Channel, 16 GHz

- Sample Rate: 40 GS/s with 2G Record Length
- Real Time De-Embedding with S-Parameters in Hardware
- Software Options for: USB3.2, 10G Ethernet, MIPI D-PHY, DDR3/4, Automotive Ethernet



**Keysight MSOS804A** | Infiniium S-Series Digital Oscilloscope; 4-Channels, 8 GHz

- Sample Rate: 20 GS/s with 100 M/Chan, upgradeable up to 400 M/Chan
- 10-Bit ADC with 16-Bits in High Resolution Mode
- 260  $\mu$ V Full Bandwidth Noise Floor



**Keysight N5172B** | EXG Series Vector Signal Generator

- Frequency Range: 9 kHz to 3, 6 GHz
- Phase Noise Options Delivers -122 dBc/Hz @ 1 GHz Carrier (20 kHz Offset)
- Output Power of +27 dBm, Low EVM of 0.4% (802.11ac/LTE)
- Modulation Bandwidth of 160 MHz



**Tektronix AWG70002B** | Arbitrary Waveform Generator; 2 Channels at 25 Gs/s

- 10-bit Vertical Resolution, 16 GS Waveform Memory Per Channel
- Generate Wideband RF Signals Up To 20 GHz
- Suitable for Radar with Options for Pulsed Waveforms and Impairments

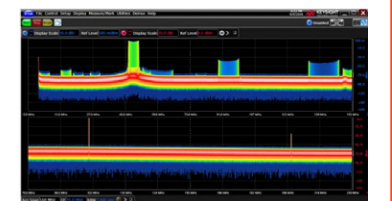


**Keysight MXR608A** | Infiniium MXR-Series Real-Time Oscilloscope; 8 Channels, to 6 GHz

- Sample Rate: 16 GS/s on 8 Channels, 200M Record Length per Channel
- 10-Bit ADC with 16-Bits in High Resolution Mode
- Low Noise: 1mV/div 43  $\mu$ V, Low Jitter: 120 fs rms
- Real Time Spectrum Analysis on 8 Scope Channels

**Osciloscopios como equipos de prueba de RF?**

Por supuesto. A medida que avanza la tecnología de los osciloscopios, su uso en los laboratorios de RF es cada vez mayor. El aumento del ancho de banda por sí solo les otorga un papel importante en la demodulación de señales para comunicaciones 5G, 6G y SATCOM. Con opciones adicionales únicas, incluyendo análisis digitales de espectro en tiempo real y FFT multicanal, los osciloscopios han conseguido su reputación. Si no encuentra lo que necesita, llámenos. Tenemos modelos para todas sus aplicaciones.





**Tektronix MSO58B** | Mixed Signal Oscilloscope; 8-Channel

- Frequency Range: 350, 500 MHz, 1, 2 GHz Models
- Record Length: 500 M
- Built-In FFT Spectrum Analysis on all Channels
- Serial Decode Trigger Support for: I2C, SPI, USB 2.0, Ethernet, CAN, LIN,
- Perform RF Measurements: Channel Power, ACPR, OBW



**Rohde & Schwarz RTO2064** | Digital Oscilloscope; 4 Channels, 6 GHz

- Record Length: 2 G sample @ 20 GS/s
- Digital Triggering on 16-Bit High-Definition Signals
- Real Time De-embedding with S-Parameters in Hardware



**Keysight E5055A** | SSA-X Signal Source Analyzer, 10 MHz to 8 GHz

- Fast Cross Correlation Measurements
- Phase Noise: -169 dBc/Hz @ 1 GHz Carrier (10 kHz Offset)
- Software Options Include: Pulsed Analysis, Spectrum Analysis
- Two Built-in Isolated DC Voltage Channels



**Rohde & Schwarz FSWP26** | Phase Noise Analyzer; 1 MHz to 26.5 GHz

- Full-featured Phase Noise Analyzer and Spectrum Analyzer
- Phase Noise: -166 dBc/Hz @ 1 GHz Carrier (10 kHz Offset)
- Low Phase Noise Internal LO, Needs No External Sources
- Cross-Correlation Measurements for 25 dB Improved Sensitivity



**Rohde & Schwarz RTO64** | Digital Oscilloscope; 4 Channels

- Frequency Range: 4, 6 GHz
- Sample Rate: 20 GS/s, 1 M Waveforms per Second
- Digital Triggering on 16-Bit High-Definition Signals
- Software Options Include: Power Analysis, Jitter Analysis, De-embedding, TDR



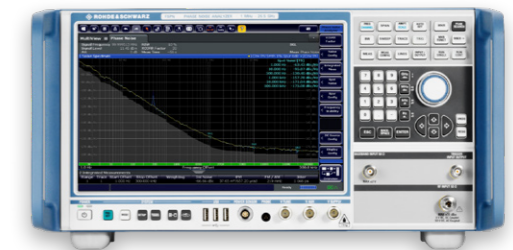
**Tektronix DPS75004SX** | ATI Performance Oscilloscope System, 33/50 GHz

- 2 Channels @ 50 GHz 200 GS/s, or 4 x 33 GHz 100 GS/s
- > 25 GHz Edge Trigger
- Software Available for PCIe Gen 5/6 Debugging and Compliance Testing



**Rohde & Schwarz FSWP50** | Phase Noise Analyzer; 1 MHz to 50 GHz

- Full-featured Phase Noise Analyzer and Spectrum Analyzer
- Phase Noise: -166 dBc/Hz @ 1 GHz Carrier (10 kHz Offset)
- Low Phase Noise Internal LO, Needs No External Sources
- Phase Noise @ 50 GHz: -138 dBc/Hz (10 kHz Offset)



**Rohde & Schwarz FSPN26** | Phase Noise Analyzer and VCO Tester; 1 MHz to 26.5 GHz

- Cross-Correlation and High-Speed for VCOs, OXCOs, DROs
- Phase Noise: -163 dBc/Hz @ 1 GHz Carrier (10 kHz Offset)
- Offset Frequency Range: 1 μHz to 1 GHz

**DESTACADO**

**NI PXIe-5841** | Vector Signal Transceiver

- Frequency Ranges: 500 MHz, 6, 21 GHz
- Signal Analyzer and Vector Generator
- 1 GHz Bandwidth
- Test wireless standards: 5G NR, Wi-Fi



**DESTACADO**

**Cartera de instrumentos de NI**

La cartera de National Instruments de Electro Rent incluye generadores de RF y microondas, analizadores de RF y microondas, transceptores vectoriales de señal PXI, generadores de forma de onda arbitraria PXI y analizadores PXI asociados.







**Keysight N1914A** | EPM Series Dual-Channel Power Meter

- Average Power Measurements
- Compatible with all N8480, 8480, U2000 Series and E-series Sensors (except the E9320 family)
- Configurations Available with Calibrator



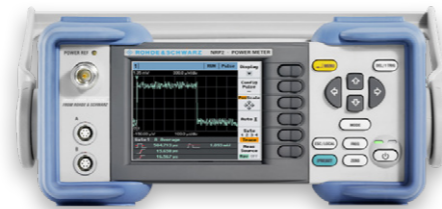
**Rohde & Schwarz NRX** | RF Power Meter

- Presets for All Mobile Standards Including: 3GPP LTE, 3GPP WCDMA, WLAN, Bluetooth
- Automatic Statistics for CCDF, CDF, PDF
- Touch Interface with LAN, USB and Optional GPIB Interfaces



**Keysight N1912A** | P-Series Single-Channel Power Meter

- 100 MS/s, 30 MHz Video Bandwidth
- Predefined Formats for Cellular, Wi-Fi
- Internal Zero and Calibration with DUT Connection
- Compatible with P-Series Sensors, E-Series Sensors, 8480 and N8480 Sensors



**Rohde & Schwarz NRP2** | RF Power Meter

- Supports Up to Four NRP-Zxx Power Sensors
- Automatic Statistics for CCDF, CDF, PDF
- LAN, USB, GPIB Interfaces Standard

**Power Sensors**

| Model   | OEM             | Description                                 | Frequency Range    | Power          | Connector |
|---------|-----------------|---|--------------------|----------------|-----------|
| N1921A  | Keysight        | P-Series Wideband Power Sensor              | 50 MHz to 18 GHz   | -30 to +20 dBm | N-Type    |
| U2001A  | Keysight        | USB Power Sensor                            | 10 MHz to 6 GHz    | -60 to +20 dBm | N-Type    |
| U2002A  | Keysight        | USB Power Sensor                            | 50 MHz to 24 GHz   | -60 to +20 dBm | 3.5 mm    |
| NRP-Z81 | Rohde & Schwarz | Wideband Power Sensor                       | 50 MHz to 18 GHz   | -60 to +20 dBm | N-Type    |
| NRP-Z85 | Rohde & Schwarz | Wideband Power Sensor                       | 50 MHz to 40 GHz   | -60 to +20 dBm | 2.92 mm   |
| NRP-Z27 | Rohde & Schwarz | Power Sensor Module                         | DC to 18 GHz       | -24 to +26 dBm | N-Type    |
| NRP33S  | Rohde & Schwarz | 3-Path Diode Power Sensor                   | 10 MHz to 33 GHz   | -70 to +23 dBm | 3.5 mm    |
| NRP50S  | Rohde & Schwarz | 3-Path Diode Power Sensor                   | 50 MHz to 50 GHz   | -70 to +23 dBm | 2.4 mm    |
| U2022XA | Keysight        | USB Peak and Average Power Sensor           | 50 MHz to 40 GHz   | -30 to +20 dBm | 2.4 mm    |
| U2049XA | Keysight        | LAN Peak and Average Power Sensor           | 10 MHz to 33 GHz   | -70 to +20 dBm | 3.5 mm    |
| U2054XA | Keysight        | USB Wide Dynamic Range Average Power Sensor | 10 MHz to 40 GHz   | -70 to +20 dBm | 2.92 mm   |
| U2043XA | Keysight        | USB Wide Dynamic Range Sensor               | 10 MHz to 18 GHz   | -70 to +26 dBm | N-Type    |
| 8481A   | Keysight        | Power Sensor                                | 10 MHz to 18 GHz   | -30 to +20 dBm | N-Type    |
| 8485D   | Keysight        | Diode Power Sensor                          | 50 MHz to 26.5 GHz | -70 to +20 dBm | 3.5 mm    |
| 8487A   | Keysight        | Power Sensor                                | 50 MHz to 50 GHz   | -30 to +20 dBm | 2.4 mm    |



**Keysight N991xA/B** | FieldFox RF Combination Analyzer

- Several Models Covering: 30 kHz to 4, 6.5, 18, 26.5 GHz
- B Version: 120 MHz of Real-Time Bandwidth
- Performs Over-the-air Measurements of 5G NR and LTE
- Software Upgrades Available for 2-Port VNA Operation, Real-time Spectrum Analysis, Vector Voltmeter, Noise Figure and More
- Multiple Software Options Available for Rental



**Keysight N9952B** | FieldFox Microwave Combination Analyzer; 300 kHz to 50 GHz

- Cable and Antenna Analyzer, Network Analyzer and Spectrum Analyzer
- 120 MHz of Real-Time Bandwidth
- Performs Over-the-air Measurements of 5G NR and LTE in FR2 Bands
- Software Upgrades Available for 2-Port VNA Operation, Real-time Spectrum Analysis



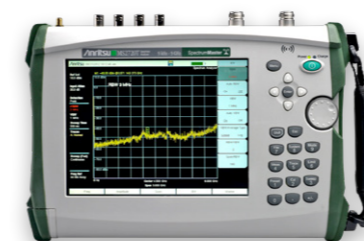
**Rohde & Schwarz FPH** | Spectrum Rider Handheld Spectrum Analyzer

- Frequency Ranges: 5 kHz to 2, 4, 13, 26.5 GHz
- Low DANL: -163 dBm
- Software Applications Include: AM/FM Modulation Analysis, Signal Strength Mapping, Interference Analysis, Receiver Mode



**Rohde & Schwarz ZVH** | Handheld Cable and Antenna Analyzer

- Frequency Ranges: 100 kHz to 3.6, 8 GHz
- 2-Port Unit with Both One Port and Two Port Functions
- Measurements Include: DTF, Reflection/Transmission, 2-Port VNA, Spectrum and Spectrogram, Vector Voltmeter



**Anritsu MS2720T** | Spectrum Master Spectrum and Interference Analyzer

- Frequency Ranges: 9 kHz to 9, 20, 43 GHz
- Low DANL: -164 dBm
- Interference Analyzer: Spectrogram, Signal Strength, RSSI, Coverage Mapping
- PIM Analysis & Hunting



**Anritsu MS2090A** | Field Master Pro Handheld Spectrum Analyzer

- Frequency Ranges: 9 kHz to 9, 44 GHz
- Low DANL: -164 dBm
- 110 MHz Analysis Bandwidth with RTSA
- 5G NR, LTE FDD/TDD, RF and Modulation Quality Measurements

## Una gama completa de servicios de Electro Rent

Le ofrecemos una amplia gama de servicios de adquisición y asistencia de equipos de medidas.

### ALQUILER Y LEASING

*Acceso rápido, flexible y asequible a los equipos más avanzados.*

- Opciones desde una semana de alquiler hasta leasings a largo plazo de varios años
- Total flexibilidad para cambiar, ampliar o actualizar
- Asistencia completa durante todo el alquiler
- Calibración y mantenimiento incluidos

### SOLUCIONES DE FINANCIACIÓN

*Opciones de adquisición que ayudan a repartir el coste de la compra.*

- Excelente selección y disponibilidad en nuestro amplio inventario
- Entrega rápida
- Asesoramiento y orientación independientes
- Apoyo local permanente

### CERTIFIED PRE-OWNED

*Equipos de alta calidad por mucho menos que comprarlos nuevos.*

- Una inspección en 23 pasos para que pueda hacer uso inmediatamente
- Garantía de un año y política de devoluciones de 14 días
- Excelente disponibilidad y entrega rápida
- Calibrados y listos para ser utilizados

### OPTIMIZACIÓN DE ACTIVOS

*Maximice y optimice su equipo actual con nuestros servicios y conocimientos técnicos.*

- Seguimiento de activos para campo o laboratorio
- Aumento del uso compartido y la utilización de los equipos
- Gestione fácilmente la calibración y la reparación
- Gestione mejor la obsolescencia y la eliminación de la tecnología

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