



**L3HARRIS™**  
FAST. FORWARD.

# RF-7801

## Test System

### FEATURES

- Workbench with overhead light and ESD protection
- 25+ products tested on a single platform
- Automated testing software
- Automated data archive
- Power supply protection (UPS) (optional)
- Foam cut-out tool storage complete with tools (optional)
- Modular design simplifies adding future products

### POWER

<b>Power Input</b>	Single phase 120 VAC, 60 Hz Single phase 220/230/240 VAC, 50 Hz
<b>Maximum Continuous Power Consumption</b>	1050 W
<b>Current Rating</b>	10 amps
<b>AC Input Connector</b>	Configurable for all major international standards
<b>Minimum Number of Power Outlets Needed</b>	1

### COMPUTER

<b>Style</b>	Laptop (standard) Ruggedized laptop and all-in-one PC available as an option
<b>Operating System</b>	Windows™
<b>Accessories</b>	Mouse and keyboard (all-in-one)

### TEST INSTRUMENTATION

<b>RF-7801 Communication Test Set</b>
<b>Programable DC Power Supply</b>
<b>Bit Error Rate Tester</b>

### PHYSICAL

<b>Dimensions</b>	89 H x 81 W x 49 D in (200 H x 187 W x 107 D cm)
Note: Dimensions reflect the size of the shipping crate used for transportation of the test system.	
<b>Weight</b>	1400 lbs
Note: Product weight reflects the total weight of the system including crating and packaging for transportation.	
<b>Bench Color/Finish</b>	Standard color beige, other colors also available upon request



The L3Harris RF-7801 is the industry's only system allowing both narrowband and wideband radio testing. This single platform delivers automated testing with replicable results, reduced test times and readily available data analysis. The RF-7801 incorporates the latest factory-level test techniques and supports unique wideband requirements associated with Software Defined Radios. Its functionality includes configuration testing, automation programming, data analysis and archiving, calibration, system diagnostics and manual operations. The RF-7801 is available in an integrated station or transit case configuration.

#### ENVIRONMENTAL

Operating Temperature	59°F to 95°F (15°C to 35°C)
Operating Humidity	5 to 95%
Storage Temperature	-4°F to 158°F (-20°C to 70°C)
Storage Humidity	0 to 95%
Maximum Altitude	4,300 m
Ruggedness	MIL-SPEC 28800F Class III

#### STANDARD KIT INCLUDES

<b>RF-7801-TE101</b>	Test Set, RF-7801 with laptop
<b>11285-5000-01</b>	Bench assembly with overhead light, overhead compartment, storage bins, drawer, ESD mat with wrist strap and monitor

#### OPTIONAL KIT INCLUDES

<b>RF-7801-TEXXX</b>	Product-specific test hardware and software
<b>11285-200X-XX</b>	Product-specific assembly/disassembly tools
<b>11285-30XX-XX</b>	Country-specific power outlet

#### COVERED PRODUCTS

AN/PRC-117G, AN/PRC-117G U/L VAU, AN/PRC-117G VAU, AN/PRC-150C, AN/PRC-152, AN/PRC-152A, RF-300M-TV001, RF-300W-TV001, RF-5800H-MP, RF-5800M-HH, RF-5800M-MP, RF-5800M-V03X/V13X, RF-5800M-V52X, RF-7800H-MP, RF-7800H-V001/V002, RF-7800H-V003, RF-7800H-V004, RF-7800H-V006, RF-7800M-MP, RF-7800M-V150, RF-7800V-HH, RF-7800V-V50X, RF-7800V-V511, RF-7850M-HH, RF-7850M-V50X, RF-7850M-V51X, RF-7850S (SPR), SINGARS and others being added

New products are continually added. Please contact your L3Harris sales representative for a current list of supported products.

#### RF-7801 Test System

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