

## RigExpert® AA-1500 ZOOM

Powerful Antenna and Cable analyzer up to 1500 MHz

### Applications

- Amateur radio
- Commercial radio
- Telecom

### Use cases

- Checking and adjusting antennas
- Cable Length and Velocity Factor measurements
- 1/4- $\lambda$ , 1/2- $\lambda$  coaxial stubs setup
- Finding cable fault
- Measuring the characteristic impedance
- Measurement of parameters of other RF elements
  - Capacitors and inductors
  - Transformers
  - Traps

### Main Features

- Color TFT display
- 6x3 keys on the waterproof keypad
- Consistency and accuracy without prior recalibration
- Multilingual user friendly interface
- Built-in Helper at the push of a button
- USB connection to a personal computer
- OSL calibration data memory to select different measurement fixtures quickly

### RigExpertCare guarantees

RigExpertCare™ is the 2-year limited warranty coverage: Rig Expert Ukraine will replace defective goods covered by the Warranty with new goods of the same model as soon as possible.



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## Specifications

Frequency range	0.1 MHz to 1500 MHz
Display	320×240 color TFT display
Operating time (continuous measurements)	Max. 4 hours of continuous measurement, max. 2 days in standby mode when fully charged batteries are used
Operating modes	<ul style="list-style-type: none"> <li>• SWR</li> <li>• SWR, return loss, R, X,  Z , L, C at single frequency</li> <li>• SWR chart (20, 50, 100, 250, 500 points). SWR chart at fixed HAM bands by IARU Regions (100 points)</li> <li>• Cable tools (Velocity factor &amp; Cable length measurer, Stub tuner, Cable loss chart, Cable impedance chart)</li> <li>• TDR chart (Time Domain Reflectometer)</li> <li>• Optional Open-Short-Load calibration</li> <li>• Non Volatile memory: 100 slots to save measurement results</li> </ul>
Built in Helper	Yes, at the push of a button
Localizations	English, Japanese, Ukrainian, Polish
Output connector	N-type
Output power	-10 dBm (at 50 Ohm load)
Battery	<ul style="list-style-type: none"> <li>• Three 1.5V alkaline batteries, type AA</li> <li>• Three 1.2V Ni-MH batteries, type AA</li> </ul>
Operating temperature	0°-40°C (32°-104°F)
PC/Mobile Interfaces	USB connection to a personal computer, Bluetooth ver. 4.2 (Single-mode, Class B)
Dimensions	100x 230 x 55 mm (4 x 9.0 x 2.0 inches)
Weight (with battery installed)	442 grams (15.6 Oz)
Warranty	2-years RigExpertCare™

## Accessories inside the box

- Soft case
- Battery charger
- Rechargeable batteries
- USB cable
- N-type to UHF adapter.
- User's manual



For order and other questions please contact [office@rigexpert.com](mailto:office@rigexpert.com)

## RigExpert® AA-2000 ZOOM

Powerful Antenna and Cable analyzer up to 2 GHz with Big Blanview® Display

### Applications

- Amateur radio
- Professional radio
- Commercial radio
- Telecom

### Use cases

- Checking and adjusting antennas
- Cable Length and Velocity Factor measurements,
- 1/4- $\lambda$ , 1/2- $\lambda$  coaxial stubs setup
- Finding cable fault
- Measurement of parameters of other RF elements
  - Capacitors and inductors
  - Transformers
  - Traps

### Main Features

- Big sunlight readable Blanview® display
- High contrast with Low Power Consumption
- Consistency and accuracy without prior recalibration
- Multilingual user friendly interface
- Built-in Helper at the push of a button
- Up to three alkaline or rechargeable batteries with voltage from 1.2V to 3.7V
- OSL calibration data memory to select different measurement fixtures quickly

### RigExpertCare guarantees

RigExpertCare™ is the 2-year limited warranty coverage: Rig Expert Ukraine will replace defective goods covered by the Warranty with new goods of the same model as soon as possible.



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## Specifications

Frequency range	0,1 MHz to 2000 MHz
Display	Sunlight readable color BlanView® display, 800x480 pixels resolution
Operating time (continuous measurements)	5 hours
Operating modes	Multé (quick check of multiband antennas) SWR, R X, RL and Smith charts MultiSWR (SWR on five chosen frequencies at once) All parameters (measure SWR,  Z , R, X, C, L (series and parallel models), RL, Phase) TDR (distance to fault) Cable tools (Velocity factor measurer, Cable length measurer, Stub tuner, Cable loss check)
Built in Helper	Yes, at the push of a button
Localizations	English, German, French, Spanish, Portuguese, Italian, Japanese, Ukrainian
Output connector	N-type
Output power	-10 dBm (at 50 Ohm load)
Battery	Up to three 1.2V-3.7V batteries, type AA
Operating temperature	0°-40°C (32°-104°F)
PC/Mobile Interfaces	USB connection to a personal computer, Bluetooth ver. 4.2 (Single-mode, Class B)
Dimensions	230 x 100 x 55 mm (9 x 4 x 2 inches)
Weight (with battery installed)	650 grams (23 Oz)
Warranty	2-years RigExpertCare™

## Accessories inside the box

- Soft case
- Battery charger
- Rechargeable batteries
- USB cable
- N-type to UHF adapter



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## RigExpert® AA-3000 ZOOM

Powerful Antenna and Cable analyzer up to 3 GHz with Big Blanview® Display

### Applications

- Amateur radio
- Professional radio
- Commercial radio
- Telecom

### Use cases

- Checking and adjusting antennas
- Cable Length and Velocity Factor measurements
- 1/4- $\lambda$ , 1/2- $\lambda$  and other coaxial stubs setup
- Finding cable fault
- Measurement of parameters of other RF elements
  - Capacitors and inductors
  - Transformers
  - Traps

### Main Features

- Big sunlight readable Blanview® display
- High contrast with Low Power Consumption
- Consistency and accuracy without prior recalibration
- Multilingual user friendly interface
- Built-in Helper at the push of a button
- Up to three alkaline or rechargeable batteries with voltage from 1.2V to 3.7V
- OSL calibration data memory to select different measurement fixtures quickly

### RigExpertCare guarantees

RigExpertCare™ is the 2-year limited warranty coverage: Rig Expert Ukraine will replace defective goods covered by the Warranty with new goods of the same model as soon as possible.



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## Specifications

Frequency range	0,1 MHz to 3000 MHz
Display	Sunlight readable color BlanView® display, 800x480 pixels resolution
Operating time (continuous measurements)	5 hours
Operating modes	Multé (quick check of multiband antennas) SWR, R X, RL and Smith charts MultiSWR (SWR on five chosen frequencies at once) All parameters (measure SWR,  Z , R, X, C, L (series and parallel models), RL, Phase) TDR (distance to fault) Cable tools (Velocity factor measurer, Cable length measurer, Stub tuner, Cable loss check)
Built in Helper	Yes, at the push of a button
Localizations	English, German, French, Spanish, Portuguese, Italian, Japanese, Ukrainian
Output connector	N-type
Output power	-10 dBm
Battery	Up to three 1.2V-3.7V batteries, type AA
Operating temperature	0°-40°C (32°-104°F)
PC/Mobile Interfaces	USB connection to a personal computer, Bluetooth ver. 4.2 (Single-mode, Class B)
Dimensions	230 x 100 x 55 mm (9 x 4 x 2 inches)
Weight (with battery installed)	650 grams (23 Oz)
Warranty	2-years RigExpertCare™

## Accessories inside the box

- Silicone case
- Battery charger
- Rechargeable batteries
- USB cable
- N to UHF adapter



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# RigExpert® Stick XPro

## Pocket-size Antenna and Cable analyzer up to 1000 MHz

### Applications

- Amateur radio
- Commercial radio
- Telecom
- Field Communication
- Marine

### Use cases

- Checking and adjusting antennas
- Measurement of various parameters of cables, feedlines, filters and other
- 1/4- $\lambda$ , 1/2- $\lambda$  coaxial stubs setup
- Finding cable fault

### Main Features

- 1000 MHz measurer
- Factory calibrated
- Color TFT display
- Pocket-size
- Splash and dust proof case
- User friendly interface
- 16-hour runtime one charge

### RigExpertCare

RigExpertCare™ is the 2-year limited warranty coverage: Rig Expert Ukraine will replace defective goods covered by the Warranty with new goods of the same model as soon as possible.



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## Specifications

Frequency range	0,1 MHz - 1000 MHz
Display	TFT display, 220x220 pixels resolution
Operating time (continuous measurements)	16 hours
Operating modes	Multé (quick check of multiband antennas) HAM (quick check of single band antenna) Single (measure SWR,  Z , R, X, C, L, RL, Mag&Phase) TDR (distance to fault) SWR chart, Return Loss chart, RX Chart OSL calibration mode Cable tools (StubTuner, Cable Length, Impedance, Loss measurements)
Built in Helper	Yes, at the push of a button
Localizations	English, Japan
Output connector	N-type
Output power	-10 dBm (at a load of 50 Ohms).
Battery	One Lithium-ion 18650 (included) Charge time: 3 hours when using a charger
Operating temperature	-20°- 55°C (-4°-131°F)
PC/Mobile Interfaces	USB 2.0 Type-C, Bluetooth ver. 4.2 BLE Single-mode, Class B
Dimensions	185 x 40 x 33 mm (7.3 x 1.6 x 1.3 inches)
Weight (with battery installed)	185 grams (6.5 Oz)
Warranty	2-years RigExpertCare™

## Inside the box

- RigExpert Stick XPro antenna analyzer  
(with a Li-ion battery type 18650)
- Quick-start guide
- Neck strap
- USB cable
- N-type to UHF adapter

For order and other questions please contact [office@rigexpert.com](mailto:office@rigexpert.com)