

ELVIRA

LORNET 

36

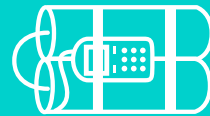


Exclusive non-linear detector with the probing signal of 3600 MHz and the possibility of remote detection of semiconductor elements with a spatial target selection

Key Features



Range of the probing signal and the antenna design enable you to perform during the scouting works remotely spatial selection of location of semiconductor elements



Remote analysis of suspicious objects for the presence of electronic components at a safe distance of 3-5 meters



Reliable detection of the SIM-card at a distance of 1 meter

Application



INDOOR USE

Holding search works in areas with a high density of objects containing electronic components



ON OPEN TERRAIN

The narrow beam of the antenna pattern at 16 degrees and the availability of laser illumination provide convenient search works on the area

Application Features

ANTIJAMMING

Lornet is equipped with an automatic system of protection against centered jamming by criterion of a minimum noise in the receiver path of the 2nd harmonic

ANALYSIS OF THE NATURE OF SEMICONDUCTOR

For efficient identification of artificial and natural semiconductors a listening through a built in speakerphone or headphones can be used after AM decoding of the signal in continuous mode

ENVIRONMENT

Electromagnetic radiation towards the operator is many times less than one setted by the Regulator

Control

CONSOLE

User friendly interface and unified push-button control. It does not require pre-setting before the start

INDICATION

Vivid and explicit indication of power levels of the signal and the received harmonic-waves

POWER CONTROL

Availability of the automatic and manual control modes for the levels of the 2nd or 3rd harmonic of probing signal power increases the convenience of search works

Equipment

HEADPHONES

The Use of wireless headphones makes the work with the device more comfortable

DIMENSIONS AND WEIGHT

Folding and convenient device, the weight is 1500 grams

Supply Package

- R-T unit with a control knob
- 2 removable (LI-ION) rechargeable batteries (3.6V)
- Batteries charging container
- Batteries Charging adaptor (220V)
- Wireless headset and receiver
- AC adapter for the receiving device (220V)
- Transportation bag
- Documentation (user manual, certificate)



Technical Characteristics

| | |
|---|------------------------|
| The frequency of the probing signal in the range | 3600MHz +/- |
| The maximum power of the probing signal (max. // average): | |
| Pulse mode | 18W//112mW |
| Pulse mode with CW | 12W//600mW |
| Receiver sensitivity, not worse than | -110mdb (-140dbW) |
| The adjustment range of the probing signal power | 20db |
| The dynamic range of the receive path | 24db |
| Battery life at maximum power in a pulsed (continuous) mode | 3 h (1,5 h) |
| The item dimensions in active status | 47x32x19 (32x32x22) cm |
| The full weight of the item in active status | 1,5 g |
| The bag dimensions | 3,6 kg |
| The operating temperature range | от +5 до +40° C |

LORNET[»]

EXPORT

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RT Export is the official exporter of the Lornet Series Non linear junction detector