

ELVIRA

LORNET 

24



Ultra-compact and lightweight non-linear detector with 2400 MHz probe frequency

Key Features



2400MHz Signal range detects the ultra-small (< 1 cm²) semiconductor elements



Folding, ultracompact and lightweight — only 700 grams



Reliable detection of the SIM card at a distance of 10-15 cm

Application



INDOOR USE

Lornet 24 is suitable for indoors counting, perfect in business trips



IN TRANSPORT

Lornet 24 is uniquely suited for search works in confined spaces, for instance in cars



DURING INSPECTIONS

procedure Resemblance to the metal detector makes Lornet 24 good for inspections

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

TRANSPORT BAG

Compact, lightweight, inconspicuous bag does not attract attention during transportation

Supply Package

- R-T unit with a telescopic rob and a control knob
- 2 removable (LI-ION) rechargeable batteries (3.6V)
- Battery charging container
- Battery 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	2400MHz +/-
The maximum power of the probing signal (max. // average):	
Pulse mode	10W//230mW
Continuous mode	200mW
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	39x10x6 (22x11x7)cm
The full weight of the item in active status	0,7 kg
The bag dimensions	1,7 kg
The operating temperature range	от +5 до +40° C

LORNET^{ELVIRA}

EXPORT

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