

# User Manual

## 一、 Product Type and Name

- I Product Name: Laser Radius-Test
- I Type: Laser Radius-Test

## 二、 Introduction

This product complies with ISO 10791-6 specifications and suite for A-TYPE, B-TYPE, C-TYPE and turning and milling machine five-axis machine testing equipment.

It is a high performance and cost-effective solution for testing equipment and Ideal for Industrial Applications that require fast time to market.

## 三、 Features

This product includes 2.4 GHz IEEE 802.11n Single Stream and can be connected to Personal Computer or Notebook through Wireless Network. It supports Infrastructure and SoftAp Networking Modes. Personal Computer or Notebook need to support 2.4 GHz IEEE 802.11n, too.

### Operating Voltage:

- I 3.15V to 3.45V (3.3V typical)
- I Temperature Range: -40°C to +85°C Industrial
- I Low-Current Consumption:
  - n RX mode: 64 mA (typical)
  - n TX mode: 246 mA at 18 dBm (typical)
- I Power Saving Mode:
  - n Sleep: 12  $\mu$ A (typical)

### RF/Analog Specifications:

- I Frequency: 2.412 to 2.472 GHz
- I Channels: 1-13
- I Modulation: DSSS, CCK, BPSK, QPSK, 16QAM, and 64QAM
- I Sensitivity: -94 dBm

### Personal Computer or Notebook Specifications:

- I CPU :Pemtium4 or higher
- I RAM: 0.5GByte or higher
- I OS: Windows XP ,7,8,10
- I Disk Space: 10MByte
- I Wirless: 2.4 GHz IEEE 802.11g/n

## 四、 Installation

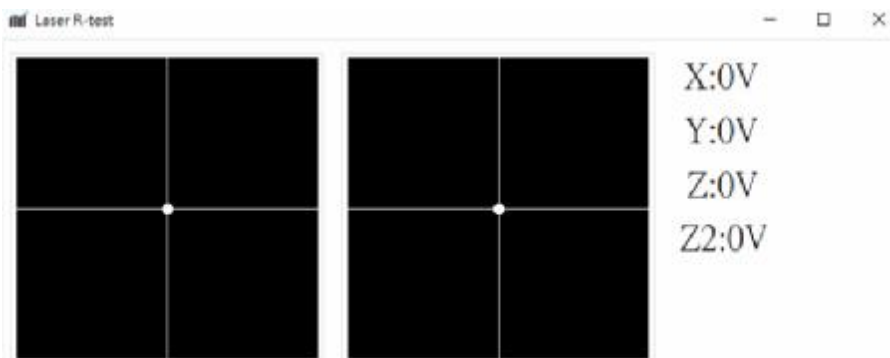
Step1: Turn ON the Power Switch and Power ON.



Step2: There is the LED indicator light is on when the Power Switch is ON.

Step3: Open the Application Program “Laser R-test.exe” . The program must be installed first in a Personal Computer or Notebook.

Step4: The “Laser R-test.exe” will receive data from Laser Radius-Test.



## FCC Statement

Federal Communications Commission (FCC) Statement

### RADIO FREQUENCY INTERFERENCE STATEMENT

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try correct the interference by one or more of the following measures:

- Reorient the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any special accessories needed for compliance must be specified in the instruction manual.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

#### **IMPORTANT NOTE:**

##### **FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.