

# User Manual

## Product Description:

The BLE RPM meter is an electronic device designed to measure spindle speed in CNC machines and transmit the RPM data to a phone application in real-time. The device is small and is installed on the spindle itself, allowing for accurate measurement of the spindle speed.

It's a FIXED EQUIPMENT, equipment secured in a specific location.

## Name and address of manufacturer or supplier:

Colibri Spindles Ltd.

Lavon Industrial Park

2011800, Israel

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## Installation

Battery Installation for RPM meter, Install battery into the device:

1. Unscrew the 4 battery case cover screws using a hexagonal 2 mm Allen key.
2. Remove the case cover.
3. Make sure the O-ring inside the cover is seated well and is intact.
4. Insert the **CR2 lithium** battery only in the correct direction.
5. Replace the battery case cover.
6. Replace the 4 screws to secure the battery case cover.
7. The RPM meter device is ready for operation.
  - a. The device will turn on automatically when you start working and turn off once you've finished.
8. To monitor the RPM, download and Install the Spin Jet app.



**Environmental Conditions:**

- Designed to be used safely inside a CNC machine.
- Working temperature 15-40 °C

**Power supply voltage:**

- Replaceable not changeable battery supply - **CR2 Lithium, 3[V], 800[mAh]**
- Working voltage: 2.5-3.5[v]
- Working current rate: 6[mA]

**Dimensions and weight:**

- Max Length: 49[mm]
- Max Height: 33.7 [mm]
- Max Width: 41.4[mm]
- Weight: 43 [g]

**FCC ID: 2ACJNTJEH-030A**

This device complies with FCC Rules Part 15: Operation is subject to two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference that may be received or that may cause undesired operation.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

### 3D model of the device:

