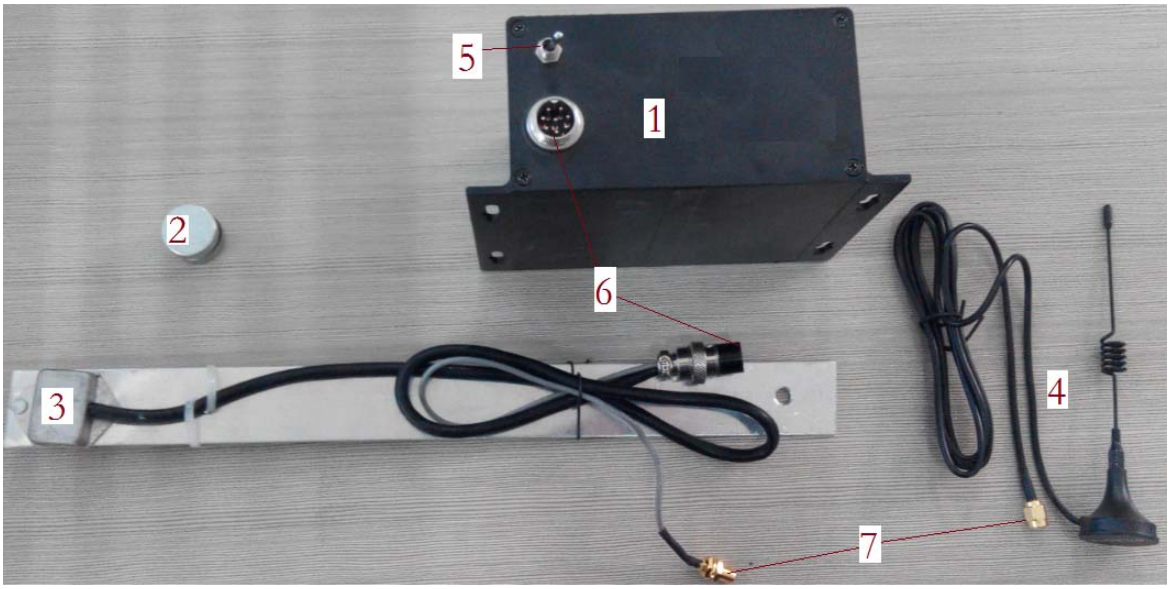
Signal Transmitter
Instructions

The hall-sensor continuously measures the real-time pumping frequency of the pumping unit and transmits the data to the wireless combo sensor through the 315-signal transmitter. Continuing to provide periodic signal for wireless combo sensor.

The connection method is shown below in figure 1



1 Main body; 2 strong magnet; 3 hall-sensor;
4. Antenna; 5; switch; 6. Aviation plug; 7antenna connector
figure 1 Components of Signal Transmitter

Performance Index:

Power Supply: DC7.2v 15mA

Working Currency: <1mA

Battery Life: 3 years

Carrier frequency: 315MHz

Transmission Range: 6≤d≤30 m

Transmit power: ≤10mW

Working environment: Temperature: -25℃～+85℃； Humidity: 5%～95%RH

FCC 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,

(2) This device must accept any interference received, including interference 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 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 to correct the interference by one or more of the following measures:

Reorient or relocate 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.

RF warning statement

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.