

PROBE TEMP Description of Operation

1. Power (DC 3V with two pieces of AAA batteries)
2. Power Switch (Control the “on” & “off”)
3. Temperature Sensor (to sense the temperature of EUT)
4. MCU Coding (Code the EUT temperature value into the digital signal & sent to RF carrier <315MHz> for modulation)
5. RF Transmission (send the electric magnetic wave into the surrounding space by 1/4 antenna)

Put 2 pieces of batteries ,turn on the power switch, the power light is on which indicates the electric circuit is operating. Insert the temperature sensor into the EUT (Meat), and then send the digital signal into the RF Oscillator, after ASIC modulation. Send the electric magnetic wave into the surrounding space by 1/4 antenna