	1	2	3	4

Crystal(6MHz)

POWER & USB

MCU
(HT82M9BE)

Load cell → **A/D Converter** → **MCU** → **LCD Display**

1) There are 2 PCBs in the scale, one is main board, the other is power board.

2) POWER & USB: Supply DC5V power to the whole scale.

3) A/D Converter: Convert the load cell analog voltage to digital signal.

4) LCD DIsplay: Display the weight and other message.

5) MCU: The MCU get the AD value from the A/D converter and calculate the weight, then send this value to LCD to display and also send to PC via USB.