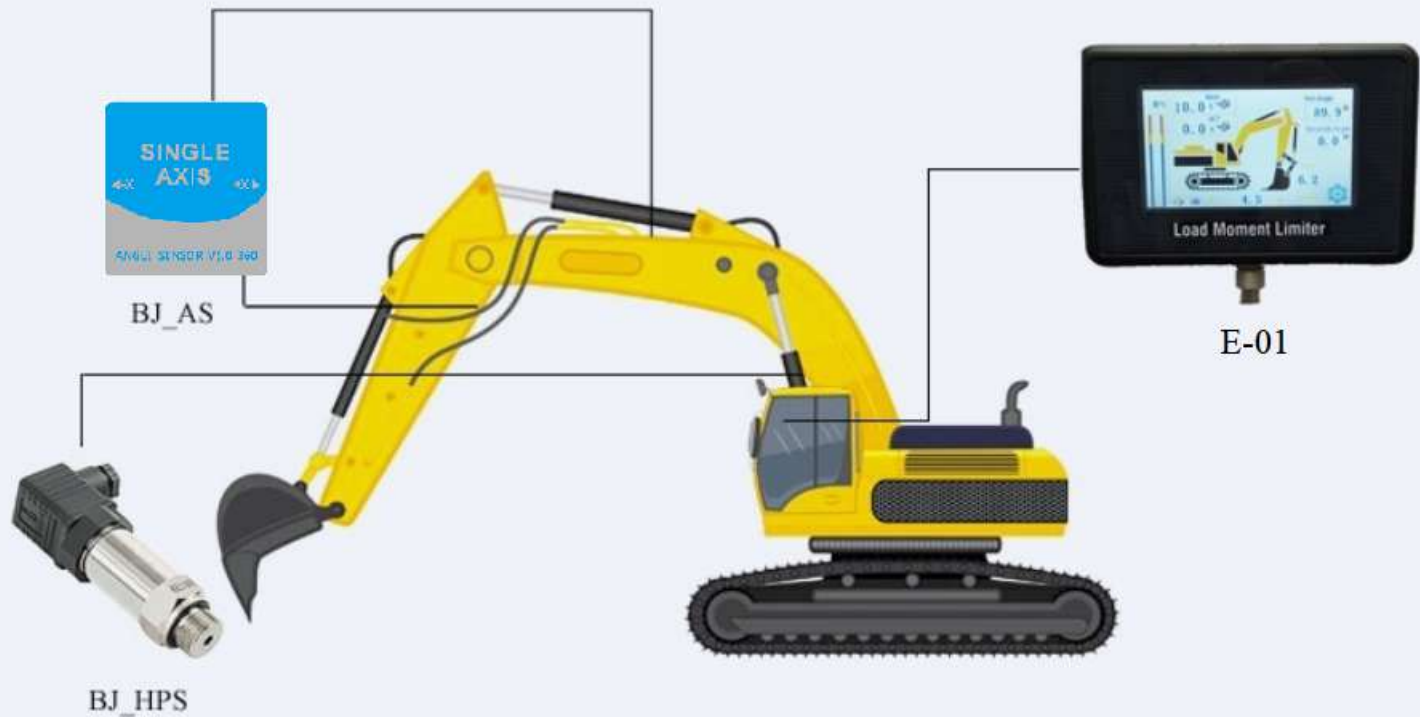




# Excavator load indicator



## Configuration list


Name	Model	QTY	Description
Host computer	E-01	1	Display +control
Angle sensor	BJ_AS	2	Collect signal of all boom angle
Weight sensor	BJ_HPS	2	Collect signal of weight




## Selection guidance

### Host computer

For excavator it is necessary to choose one of the host computer (display +control) as the below.

Actual photo	
Model	E-01
Display Size	4.3 inch LCD
Operating temperature	-30℃_70℃
Operating humidity	95% (25℃)
Signal input	4 channels
Control output	1
Adapt to Excavator	0~30T
Systematic error	≤5%(F.S)
Action error	≤3%(F.S)
Power supply	AC220V/DC24V
Dimension(mm)	155*100*40


### Angle sensor (Necessary)

	
Model	BJ_AS
Dimension(mm)	60*60*30mm
Input voltage:	5V
Angel measurement range	360°
Grade of protection	IP65
Operating temperature	-20℃~+75℃
Measurement accuracy	0.1°
Net weight	0.2KG



## Selection guidance

**Weight sensor:**  
(Necessary)

Actual photo	
Model	BJ_HPS
Request Q'ty	2
Weight	0.5kg
Method of measuring weight	Test the support force of supporting oil cylinder
Dimension(mm)	φ3cm*10cm
Installation position	Adopted three way pipes, connected with the supporting oil cylinder and oil circuit.
Remarks	Sensor range, the two sides need to communicate and then determine

### Basic function for the system:

1. Real time monitoring;
2. The acousto-optic alarm;
3. Control output;
4. With data logging,supported operating data download and analysis;

### Advantages:

1. Easy installation;
2. Debounce delay, ensure the stable operation;
3. Memory function at power-off moment, long continuous service;
4. Automatic compensation function;
5. It has strong anti-jamming capability to electromagnetic waves;
6. Can be connected to a printer,print special data.