

## 1. Technical Data

Model	DJ30KL	DJ75KL	DJ150KL	DJ300KL
Weighing range (max)	30 kg	75 kg	150 kg	300 kg
Readability (d)	1 g	2 g	5 g	10 g
Tare range	30 kg	75 kg	150 kg	300 kg
Linearity	± 1 d	± 1 d	± 1 d	± 1 d
Reproducibility	2 d	2 d	2 d	2 d
Calibration weight	20 kg	50 kg	100 kg	200 kg
Minimum weight*	10 d	10 d	10 d	10 d
Stabilization time	< 3 s	< 3 s	<3 s	<3 s
Reference weight min.	10 d	10 d	10 d	10 d
Minimum piece weight**	1 d	1 d	1 d	1 d
Warming up time	15 min.	15 min.	15 min.	15 min.
Reference piece numbers for piece count	1, 10, 20, 50, 100			
Weighing units	kg (Gramm), lb (Pfund)			
Dimensions (W x D x H)	320 x 500 x500 mm			
Weighing plate (Ø / W x D)	320 x380 mm			
Operating temperature	20°C ± 15°C			
Humidity	≤ 80% R.H.			
Interface	Bluetooth RS-232			
Power supply***	Mains power adapter Input: AC 230V±10% 50Hz/60Hz Output: DC 6V/300mA 4 x 1.5V AA batteries			
Auto Power Off	Yes			

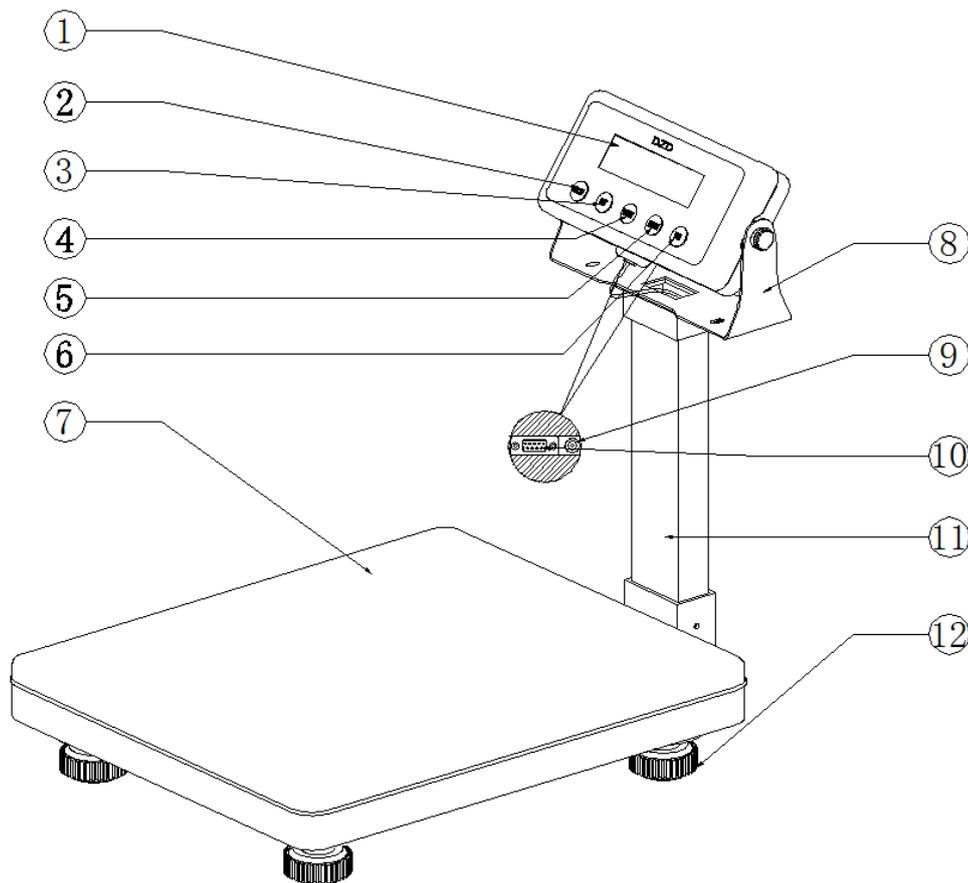
\* **Hits**: minimum weight for an accurate weighting result.

\*\* **Hits**: minimum piece weight at counting.

\*\*\* **Hits**: only use the original supplied mains adapter. Otherwise there is a risk that the Scale be impaired.

## 2. Shape of scale

- 1、LED Display    2、ON/OFF    3、Unit change    4、Counting    5、LED Bright  
 6、Tare    7、Weighing Plate    8、Indicater Support    9、Power socket    10、Signal input  
 11、Colume    12、Level adjust



### 3.Operation manual

1. Before using the scale, place it on a stable platform and adjust its feet to make the scale level, and 15 minutes power on before using.

2. key function:

2.1 “ON / OFF” key: hold on “ON/OFF” key until the display shows “ON”, then displays the battery voltage, scale range, at last, displays from “11111” to “99999” and after a certain time for stabilizing, “0” appears. Holding down the “ON/OFF” key till the displaying windows displays “OFF”, the scale will turn off automatically.

2.2. “TARE” key: with empty scale platform, the displaying deviates from zero, pressing “TARE” key, then the displaying will return to zero; If need to tare, first place the container on the platform, after stabilizing, press “TARE” key, the scale displays“0”. Then place the article in container, at this time, it shows the net weight of the article, remove the article and the container, the scale shows a negative value of container weight. Still press “TARE” to return to“0”.

2.3 “BRIGHT” key: press the bright key to choose the bright of the LED display. “b 0” means the bright of the LED display is lower , “b1” means the bright of the LED display is higher.

2.4 “COUNT” key: sampling of article by “COUNT” key to enter the counting state

(1) Choose the quantity of samples: To precisely count the articles, firstly the quantity of samples for counting should be chosen in according with the weights of the articles. The quantity of samples can be chosen from“1-10-20-50-100”. For a small number of articles, the larger quantity of samples, the more precise.

(2) Place one or more samples on the empty pan, the balance will show the total weights of samples. Then press “COUNT” , the displaying will show “1”, at the same time, the right of the displaying show unit “pcs”, with indicate that scale is now counting. And all the samples are one unit. Then press “UNIT” , the displaying will show between“1-10-20-50-100”. The quantity of articles and samples must be the same, and place the similar articles. The total amount of objects is showed, press the “COUNT” again back to the normal situation.

2.5 “UNIT” unit conversion key

Press “UNIT”, the units can be changed between “kg” and “lb”.

### 3. Calibration method:

Calibration need to press and hold “TARE” first, then press “UNIT”, the displaying window shows “C XXX” and the scale enters automatic calibrate mode, (XXX should be the weight of standard weights, for example: when displaying showing “C 20” expressed the need to place a standard weight 20kg), at the same time, only place calibrating weights on the platform, after stability, the scale displays the weight of the calibrating weights and the unit “kg”, till now the calibration is completed and the scale can be normally used.

## 4. Setting and meaning

Holding down the “UNIT”, then press the “ON/OFF”, the scales are in the setting mode, and pressing “UNIT” can change the parameters; pressing “TARE” can change the values of parameter.

C1----2 Sensitivity setting 0 1 2 3 4, the larger number is, the less sensible but the better stable.

C2----1 Filtering strength setting 0 1 2 3, the larger number is, the lower reaction speed but the better stable.

C3----1 Auto power off time setting when using batteries. 0: no shutdown; 1: 15minutes; 2: 30minutes; 3: 45minutes; 4: 60minutes.

## 5. Display information

F----1 Date over display scope

F----2 A/D-switch is defect

F----3 Key is defect

F----5 F----L Sensor signal is defect

F----H Object weight over capacity

C----F calibration error, instability or not at zero point during calibrating

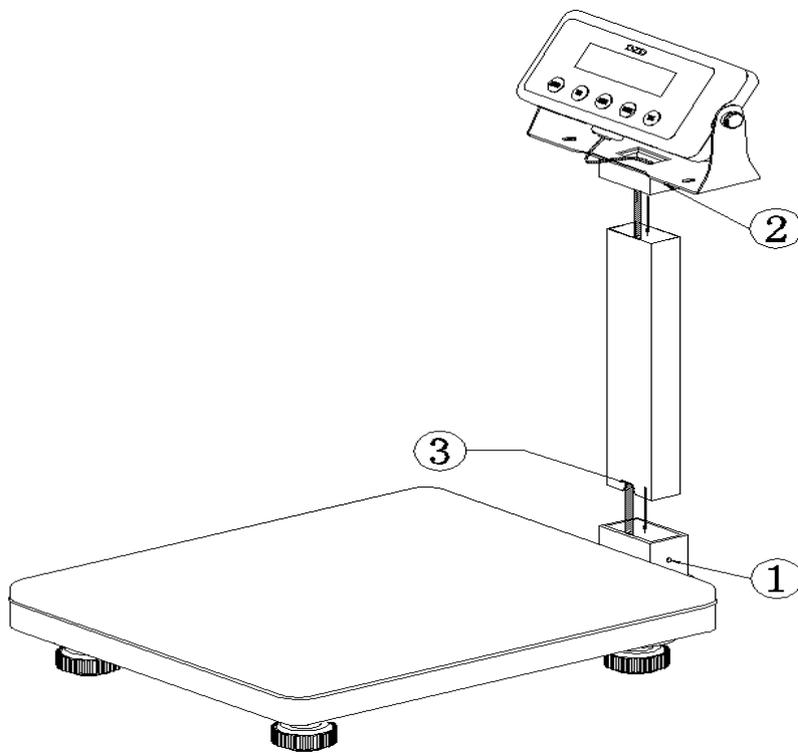
C----H calibration error, items on the pan or at higher zero point during calibrating

E----- Storage calibration data error, re-calibration is necessary

o Calibration zero instruction, when the empty of platform, back to zero shows, if not, it need to be re-calibrated.

## 6. Installation

First connect the scale body and indicator, then use the wrench to turn of the screw to ① and ② holes (2\*3 Pcs of screws) . ③Please pay attention to the cable, the colume can not press the cable.



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