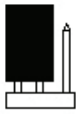
Valor 1000 has one standard calibration process: Span calibration. But the process varies between software versions 1.xx and 2.xx or later (released December 2009). Also:

- ✓ Ensure that the scale is level and stable during the entire calibration process.
- ✓ If calibration is disabled, change LFT jumper on Main PCB (v.1) from ON to SPAN: (rarely necessary since Valor 1000 is not approved for LFT use.)
- ✓ Allow the scale to warm up for 20 minutes after stabilizing to room temperature.


ON SPAN

- ✓ To abort calibration, power off the scale.

SETUP AND CALIBRATION (Version 1: Software Release 1.xx)

INITIAL CONFIGURATION SETTINGS FOR EACH MODEL (V. 1)

MODEL	Division (A----x)	Decimal point (b----x)	Capacity (c-----x)	Zero tracking (d----x)	Calibration Weight*
V11P3 / V11P3T	0.5g: x=5	Kg: x=4 or g: x=1	3.0000kg or 3000.0g	x=3	3.000
V11P6 / V11P6T	1g: x=1	Kg:x=3 or g: x=0	6.000kg or 6000g	x=3	3.000
V11P15 / V11P15T	2g: x=2	Kg: x=3 or g: x=0	15.000kg or 15000g	x=3	3.000
V11P30 / V11P30T	5g: x=5	Kg: x=3 or g: x=0	30.000kg or 30000g	x=3	3.000

Note: Be sure units are set to **kg** before starting calibration:

1. Turn on the scale. When display flashes, press and hold **ZERO** and **SELECT** together. **SET---** appears after power on sequence. SET---
2. Press **SELECT** until **SET-F1** appears. SET-F1
3. Press **ZERO** to display **A____x** (x=divisions in grams: 1,2,5,10,20,50). Press **ZERO** to accept the setting shown, or press **M+** or **TARE** to increment or decrement setting to match value for specific model – see table above.) A___2
4. Press **ZERO** to display **b____x** (x=decimal point: 0,1,2,3). Press **ZERO** to accept the setting shown, or press **M+** or **TARE** to move up or down to match value for specific model – see table above. b___3
5. Press **ZERO** to display **Cxxxxx** (xxxxx= capacity of scale). Press **ZERO** to accept the setting shown, or press **M+** or **TARE** to move up or down to match value for specific model – see table above. (Press **SELECT** to move to the next digit.) C 15.000
6. Press **ZERO** to display **dx** (x=Zero tracking setting: 0-9 from 0.125d to 1.25d). Press **ZERO** to accept the setting shown, or **M+** or **TARE** to move up or down to match value for specific model – see table above. d 3

   Setup is now complete. Calibration follows immediately:
7. Press **ZERO** and display will show **Load 0**. Make sure pan is empty, then press **ZERO** to accept. **CAL 0** appears, then **Load F**. LoAd 0
8. Press **ZERO** to display **Fxxxxx** (xxxxx=Span weight). **Note:** Span weight is 3000 g (3 kg) for all models: **DO NOT CHANGE**. Put displayed weight on the scale, and press **ZERO** to accept. After completion, scale will be in weighing mode. F 3.000

SETUP AND CALIBRATION (Version 2: Software Release 2.xx and later)

INITIAL CONFIGURATION SETTINGS FOR EACH MODEL

MODEL	Division (A----x)	Decimal point (b----x)	Capacity (c-----x)	Zero tracking (d----x)	Calibration Weight*
V11P3 / V11P3T	0.5g: x=5	Kg: x=4 or g: x=1	3.0000kg or 3000.0g	x=3	3.000
V11P6 / V11P6T	1g: x=1	Kg:x=3 or g: x=0	6.000kg or 6000g	x=3	3.000
V11P15 / V11P15T	2g: x=2	Kg: x=3 or g: x=0	15.000kg or 15000g	x=3	3.000
V11P30 / V11P30T	5g: x=5	Kg: x=3 or g: x=0	30.000kg or 30000g	x=3	3.000

Note: Be sure units are set to **kg** before starting calibration:

1. Turn on the scale. When display sequence flashes, press and hold **ZERO** and **SELECT** until (999999) appears. Then **CAL---** appears.

   SEt---

2. Press **ZERO** to display **A____x** (x=divisions in grams: 1,2,5,10,20,50).
   Press **ZERO** to accept the setting shown, or press **M+** or **TARE** to increment or decrement setting to match value for specific model – see table above.

   A---2

   Note: Settings for each model must match table above.

   To change *only* division setting, press and hold **ZERO** and **SELECT** at power on< then release **SELECT** before **ZERO**. Choose setting as in Step 2 above.

3. Press **ZERO** to display **b____x** (x=decimal point: 0,1,2,3).
   Press **ZERO** to accept the setting shown, or press **M+** or **TARE** to move up or down to match value for specific model – see table above.

   b---3

4. Press **ZERO** to display **Cxxxxx** (xxxxx= capacity of scale).
   Press **ZERO** to accept the setting shown, or press **M+** or **TARE** to move up or down to match value for specific model – see table above.

   C 15.000

5. Press **ZERO** to display **dx** (x=Zero tracking setting: 0-9 from 0.125d to 2d).
   Press **ZERO** to accept the setting shown, or **M+** or **TARE** to move up or down to match value for specific model – see table above.

   d---3

6. Press **ZERO** to display **Ex** (x=Checkweigh mode; 0 is off; x=1 is on).
   Press **ZERO** to accept **0**, or **M+** or **TARE** switch, then press **ZERO** to accept.

   E---3

7. The display will show **Load 0**. Make sure pan is empty, then press **ZERO** to accept. **CAL 0** appears, then **Load F**.

   LoAd 0

8. Press **ZERO** to display **Fxxxxx** (xxxxx=Span weight).
   Put displayed weight on the scale, and press **ZERO** to accept.*

   F 3.000

   *If span weight is not available, select a different value: press **Select**, then **M+** or **TARE** to increment or decrement values. When desired value is set, place displayed weight on scale, and press **ZERO** to accept it. After completion, display shows **endCAL** and scale returns to weighing mode.

Note: If calibration is disabled, press LFT switch on Main PCB (v.2) until display shows: (rarely necessary since Valor 1000 is not approved for LFT use.)

LFt **x** (Default for **x** = **0**

* 8 0 2 5 3 0 2 8 * **P/N 80253028 B**