

Banco Motor - User Guide

by

Avant Slot

Dear Avant Slot customer, thanks for your trust in our products and congratulations for purchasing the new Banco Motor, an essential tool to find your best motor. You can measure the Magnetic motor force (M-force), motor Power (torque), and motor Weight, from 0 to 500 grams in 0.1gr. steps.

- Magnetic motor force (M-force):

1st - Turn on the scale with the metal plate over. The display must show "0.0g", if not, push the "TARE" bottom.

2nd - Put the motor over the plastic plate, inside the MOTOR mark. If the motor is assembled on the chassis, put the motor in the MOTOR mark, taking care with other mechanical components, to avoid interfere in the scale.

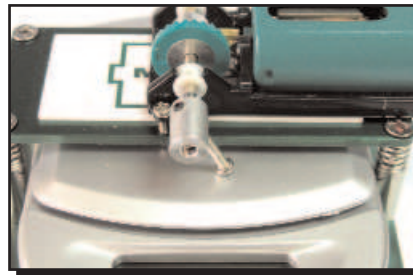
3rd - To get a better measure, the motor must be running under 5v. We recommend a GP3 Power supply to feed the motor.

- Motor Power (Torque).

1st - Fix the motor into a plastic motor support from Avant Slot. Fix the motor support against the Banco Motor with the little screws available in the Kit. Use the aluminium pieces with the long screws and fix to the axle (Special axle from Avant Slot, ref.20403 is recommended). Use a 9z pinion, 27z crown relation.

2nd - Turn the axle to get on touch with the upper scale. Turn on the scale and push "TARE", if it is necessary.

3rd - Supply 3v. to the motor during a 3 seconds period. Please, don't use more voltage or more time period; your Banco Motor could be seriously damaged. To get a better accuracy, repeat the measure several times and use a ponder average.



- Miniscale:

- Press the ON/OFF button to turn on the scale.

- When you have finished weighing, press the ON/OFF button to turn off. The scale will turn off automatically after one minute of inactivity.

- In order to change the units of measurement, press the MODE button.

- In order to subtract the weight of the vessel or container, press the TARE button "0.0" will appear on the display, and when an object is place on the scale, the weight of that object only will be displayed.

- Tips and notes :

- When it displays "EEEE", it means overweight.

- When "LO-" displays, change the battery ASAP.

- After turn on the machine, wait for the autocalibrating process.

- Clean up with a wet cloth without chemicals products.

- Use it upon a hard, flat and steady surface.

- Do not dismantle.

