

Wedderburn®

Operator Manual
for

WS201 Digital Bench Scale



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1. Safety Instructions

Before operating the WS201 instrument, please carefully read all instructions and keep for reference.

1.1. Electrical Safety

The WS201 instrument can be powered by 4 dry cell C type batteries or by a 100V – 250V at 50 Hz - 60 Hz power adaptor supplying 6V DC.

Batteries are available from Wedderburn. The part code is OR0792 x 4 pieces.

Power pack is available from Wedderburn. The part code is RD0344.

Precautions when using power adaptor:

- Do not use power adaptor outside stated supply range or damage & or fire will result.
- Inspect for damage to body, cord and plug, do not used if damaged.
- Do not place instrument in locations where damage can result.

RCD (Residual Current Device) connected to power circuits are recommended.

1.2. Choosing a Suitable Location

When locating your instrument please consider the following:

- For safety of users and other personnel do not locate instrument in thoroughfares or where collision or tripping may result.
- Insure operation location of the instrument is in well-lit areas to avoid eye strain of user.
- Position instrument on a flat and solid platform (bench, table, etc).
- Do not place instrument in location where damage could result
- Position instrument in such a way as to be comfortable for operation of use.
- Care must be taken with power adaptor cord so that it is not placed in a position where it can become a trip hazard.

1.3. General Operating Recommendations

The following recommendations should be observed when operating the instrument:

- Do not spill liquids of any kind onto instrument.
- Do not load instrument over the rated Maximum capacity or damage to the instrument may result.
- Be aware that that electro –static discharges may cause damage to the instrument, use appropriate measures to avoid static build up in work area.

1.4. Cleaning and Maintenance

Other than periodical cleaning of the exterior of the instrument no other maintenance by user is require.

Note: The instrument must not be dismantled.

Routine Inspection and Testing

Regular inspection and testing of this weighing instrument by a Wedderburn service person will minimise most hazards and should ensure trouble free and safe operation

Disposal of Dry Cell Batteries

Batteries contain heavy metals and toxic elements such as nickel, cadmium, mercury and lead acid. If batteries are disposed of in land fill these elements can leek out and damage our environment. There are Recycle programs that are set up to dispose of used batteries, contact your local council for recycling

options.

1.5. Keypad and display



Turns the instrument ON/OFF



Sets display to zero



Tares weight of item on pan



Steps through active units



Toggles between net /gross weight



Low battery indicator.


TARE - Tare lamp turns on indicating the container on the weighing platform has been Tared.

ZERO - Zero lamp turns on indicating the instrument is in zero mode.

Kg, g, lb, oz, pcs units of measurement

1.6. Sample Counting

1 Press  to select the unit "PCS".

2 Press  to choose the sampling amount. Available options are "5=10" (10 pieces), "5=20" (20 pieces), "5=50" (50 pieces), and "5=100" (100 pieces).

Put the corresponding samples on the weighing platform, then press



"CAL" is displayed momentarily before the display reverts to the sample size. Remove the samples and put the load on, the instrument begins to count.

4. To return to normal weighing mode, press












to select the proper weighing unit.

NOTE:

- The larger the sample size, the more accurate unit weight.
- The sampling result is retained when the unit is turned on.

1.7. Setting Mode

- 1 Press and hold  while turning on the instrument. Do not release  till the OFFSET value is displayed.
- 2 Press , the screen displays "OFFSET"
- 3 Press  through available settings
- 4 Press  to initial the displayed setting, and then press  to step through internal parameters.
- 5 Press  to save the setting, press  to exit without saving.
- 6 Press key  to save the settings and back to the weighing mode.

1.8. Description of Parameter Values

LGHT Set the activation mode of backlight. Options are Auto=Auto on with items greater than 9d placed on the weighing platform, ON = Backlight on and OFF=Backlight off.

AutoFF Set the period of inactivity before the scale automatically turns off. Options are NO=non power-off, 5, 10 and 15(minutes).

PEP Set the desired external devices. Options are PC, GODEX, BIRCH, ZEBRA and DMP.

Note:

DMP refers to dot matrix printer. eg. TP, SH-24

The default print mode is stable print. (Stable print=the scale will print out data when the display is stable, remove the items before the next record can be printed out).

EEEE Scale initialization.

1.9. Trouble shooting and Error message

Error	Trouble shooting
OLCE	1. Remove any weight from weighing platform and reboot the instrument. 2. LOAD CELL failure, please contact Wedderburn Service.
HHHHLLLL	1. PCB or Load cell is defective, please contact Wedderburn Service.
ErrE	Reboot the scale.
UNSE	1. Remove any weight from weighing platform and reboot the instrument. 2. Batteries are weak, replacement is required.
EEEEEE	Overload condition or the total count value is beyond the scope of window display
ErrE	Incorrect calibration weights, contact Wedderburn Service to recalibrate the instrument.

2. Wedderburn Contact

For any further enquiries, please contact your local Wedderburn branch.

Phone: 0800 800-379

Fax: 0800 933-337

Website: www.wedderburn.co.nz