OCS-S High Resolution Digital Crane Scale



Technical Manual

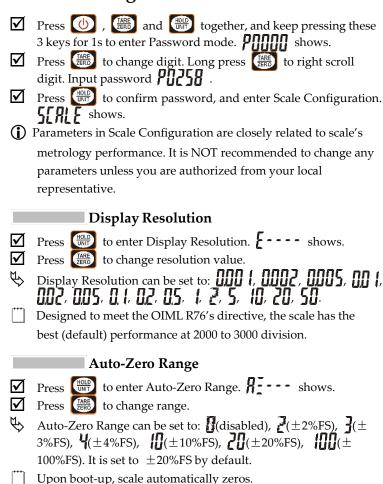
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Please read this manual carefully before using.

Version: V1.0A-1

1. Scale Configuration



Manual-Zero Range

Press to enter Manual-Zero Range. Range. Shows.

Manual-Zero Range can be set to: (disabled), $(\pm 2\%\text{FS})$, $(\pm 3\%\text{FS})$, $(\pm 4\%\text{FS})$, $(\pm 10\%\text{FS})$, $(\pm 20\%\text{FS})$, $(\pm 100\%\text{FS})$. It is set to $\pm 4\%\text{FS}$ by default.

Zero is allowed only when weight is within Manual-Zero range.

Zero-Tracking Range

Press to enter Zero-Tracking Range. shows.

Press Repet to change range.

Zero-Tracking Range can be set to: (disabled), ($\pm 0.5e$), ($\pm 1.0e$). It is set to $\pm 0.5e$ by default.

Enabling Zero-Tracking will enhance scale temperature and drift performance.

Zero Range

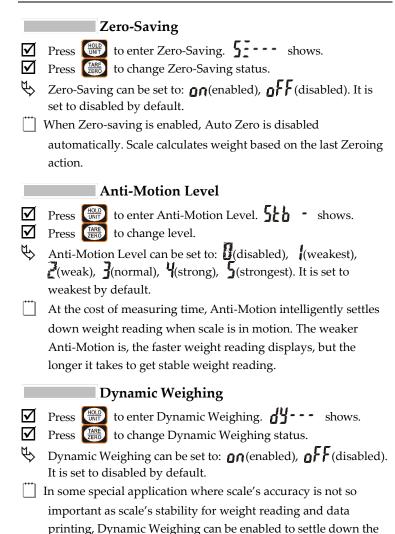
Press TARR to enter Zero Range. Shows.

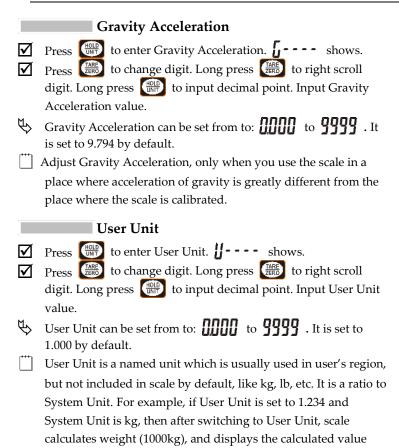
Press TARR to change range.

Zero Range can be set to: (11) (disabled), (15) ($\pm 0.5e$), (15) ($\pm 1.0e$), (15) ($\pm 1.5e$), (15)

Zero Range defines the range that scale must fall into before other operation becomes active. When load is removed from scale, left weight must be lighter than the value set.

weight reading faster.





2. Calibration

(1234usr).

Press , , , and together, and keep pressing these 3 keys for 1s to enter Password mode.



- Press to confirm password, and enter Calibration. shows.
- (i) It is NOT recommended to enter Calibration unless you are authorized from your local representative.

Calibration Unit

- Press to enter Calibration Unit. 🔐 -- shows.
- Press TARE to change Calibration Unit.
- Calibration Unit can be set to: **/**(kg), **/**(lb). It is set to kg by default.

Calibration Gravity Acceleration

- Press to enter Calibration Gravity Acceleration.
- Press TARE to change digit. Long press TARE to right scroll digit. Long press to input decimal point. Input Calibration Gravity Acceleration value.
- Calibration Gravity Acceleration can be set from to: (1) to (1) It is set to 9.794 by default.

Max. Cap.

- Press to enter Max. Cap.. Illi shows.
- Press to change digit. Long press to right scroll digit. Long press to input decimal point. Input Max. Cap. value.
- Max. Cap. can be set from to: 11000 to 39999.
- (i) Do NOT attempt to set Max. Cap. greater than scale's actual capacity. Overloading causes severe harm to scale, and is very

dangerous.



- Press to enter Zero Detection. Londo shows.
- Keep scale no load. Press to display weight code
- Wait until weight code is stable. Press to start weight detection. Scale automatically enters Load1 Detection.

Load1 Detection

- I shows.
- Load standard weight, press . . . shows.
- Press to change digit. Long press to right scroll digit. Long press to input decimal point. Input weight value
- Keep load stable. Press to display weight code
- Wait until weight code is stable. Press detection. Scale automatically enters Load2 Detection.

Load2 Detection

- ☑ Lond shows.
- If one weight calibration is enough, press to exit
- Load standard weight, press shows.
- Press to change digit. Long press to right scroll digit. Long press to input decimal point. Input weight value.
- Keep load stable. Press to display weight code

