

apart and dry it up under 60°C.

2. Clean the scale body with soft fabric. Organic solutions are not allowed.

3. Never apply power pressure on any part of the scale lest it damage the I.C..

Fixing Instructions:

1. Check to see if there has been any damage to the scale unit. If so, please contact the factory directly.

2. At least 50mm safety space should be left for the sensor when the working (moving) part reaches its limits. Fix screws at the ends lest the sensor be damaged by the working part going beyond its limits.

3. Fix one end while keeping the other floating (moveable). Move the working part several times and adjust the end positions of the scale (or put on gaskets) until the direction of the working part is parallel to that of the scale.

4. Fasten the screws on both ends and the connector. Maintain the parallelism. Keep the connector from running when in operation.

Troubleshooting:

Troubles	Possible Causes	Solutions
Flashing digits	Low voltage	Replace the cell
Locked digits	Haphazard memory	Take the cell out and put it back after 30 secs.
No display	1. Poor contact of the battery 2. Low voltage	1. Better the contact 2. Replace the cell
Instrument error over limit	Dirt in the sensor	Remove the frame and take the slider into parts. Apply pressurized air ($\leq 5\text{kg/cm}^2$) on the inside and clean it with aeropetrol.
Only 'oooo' displayed	short circuit of zero-setting spring and slider signal source	Remove the frame and adjust the spring.
Function buttons out of order	distortion of springs from over-pressing	ditto

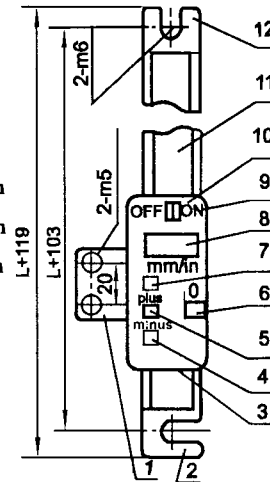
ELECTRONIC DIGITAL SCALE UNIT (VERTICAL TYPE) USER'S MANUAL

Specifications:

- Measuring Range:** 0~1000mm/0~40"
Instrument Error: $\pm (0.015 + 0.005 \times L/200)$ mm
(L=measuring length)
Resolution: 0.01mm
Display Range: ± 999.99 mm/39.369in
Max Measuring Speed: 1.5m/s
System: Non - contact linear CAP
Power: one 1.5v silver - oxide button cell. (Life: 1 year in continuous operation)
Working Temperature: 0^o~40^oC
Storage Temperature: - 20^o ~ +60^oC
Humidity Allowed: $\leq 80\%$

Structure:

- 1.Connector
- 2.Left Holder
- 3.Frame
- 4.Lower Preset Button
- 5.Upper Preset Button
- 6.Zero - setting Button
- 7.in/mm
- Interchange
- 8.LCD
- 9.Power Switch
- 10.Cover
- 11.Scale Body
- 12.Right Holder



Functions:

- 1.Power switch: OFF ON - power off
OFF ON - power on
- 2.mm/in Interchange:mm/in
Press this button and metric or inch systems will be chosen alternately.
- 3.Zero - setting
After power is switched on,a press of this button will set the display back to zero.
- 4.Preset buttons plus minus
press down these buttons and the display will increase or decrease. Release the button when the number to be preset is reached.

Battery Replacement:

- 1.Unscrew the frame cover.
- 2.Take off the battery cover and replace the cell with positive side facing out.
- 3.Put the cover on.

Maintenance:

- 1.Keep the working faces clean and dry. Prevent liquids from getting into the frame lest they damage the electronics. In case that liquids get in, take the frame