

Measumax^{MDX}

Digital Height Gauge 36-210,

Technical Detail

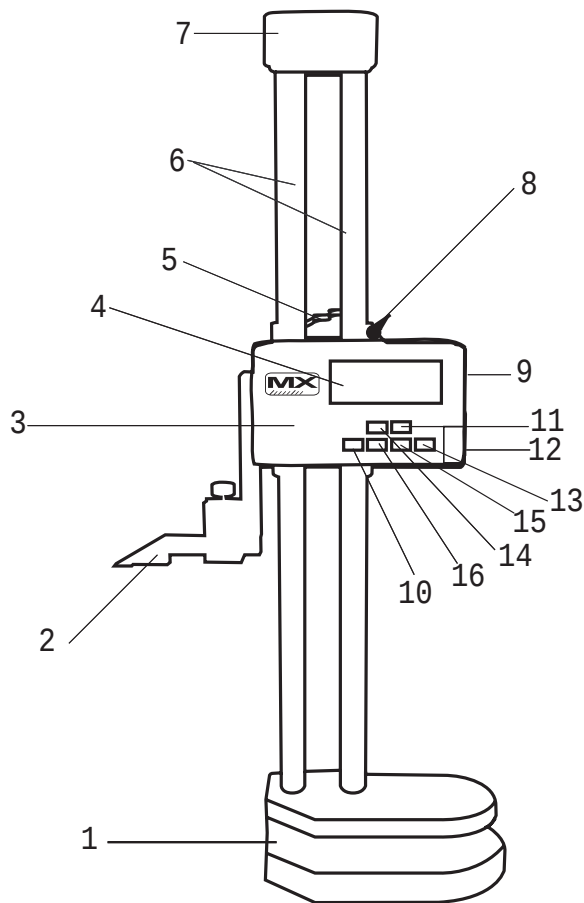
Resolution: 0.01mm/0.001"
Accuracy: 0-200mm/8" +0.03mm/0.0012"
200-400mm/8"-16" + 0.04mm
400-600mm/16"-24" + 0.05mm

Data Output: USB Cable (40-4081)

Working Temp. :0-40° C

Diagram 1

- | | |
|--------------------------------|------------------------------|
| 1. Base | 2. Measuring Scriber |
| 3. Carriage Slider | 4. LCD Screen |
| 5. Hand wheel | 6. Column |
| 7. Frame Lock | 8. Carriage Lock |
| 9. Data Output | 10. MM/In" Conversion Button |
| 11. ABS Button | 12. Battery Cover |
| 13. OFF/ON Button | 14. Zero Setting Button "C" |
| 15. Tolerance Set Button "SET" | 16. Data Hold Button "HOLD" |



Caution

Keep the instrument clean and avoid shocks, which could cause the accuracy to be compromised. Keep away from strong magnetic fields and avoid water or liquids from entering the carriage area.

Storing: Before storing wipe with a soft cloth and apply light machine oil to the metal parts. DO NOT use solvents on the LCD display or plastic parts. If the instrument is not to be used for a long period remove the battery. Lower the carriage when not in use. Leave a small gap between the bottom of the base and the scriber.

Note! The battery supplied is supplied to test the system and may not have enough life for normal use. Replace with SRW44 Silver Oxide battery or equivalent. (CR2032)

Functions

- 1.1. **ON/OFF key.** Switches the instrument on or off
- 1.2. **mm/in Key:** metric /inch conversion
- 1.3. **"C" key :** Zero Setting
 - a. Clean the base to make sure there are no burrs or foreign objects that would prevent the base from sitting flat on the reference table.
 - b. Clean the scriber and check for burrs or foreign objects
 - c. Release the carriage lock (Item 8 in Diag 1)
 - d. Rotate the hand wheel moving the carriage down until the scriber touches the reference plane
 - e. Press the "Zero Setting Key" "C". The LCD will display "0.00". The screen will only zero if the height gauge is in "ABS" mode. Measuring or marking may now begin
- 1.4. **"ABS Key"** (Absolute and Incremental measuring): When the instrument is in "ABS" absolute mode the LCD will display the measurement from the reference plane and no other symbols in the LCD screen. Press the "ABS" key to change to incremental mode. The screen will now display "0.00" and "INC". Measurement can now be taken from this point and displayed. Press the "ABS" key again and the screen will return to the original measurement from the reference point
- 1.5. **"H" Key** (display hold): Used to hold the data on the LCD. Press this key and "HOLD" will appear on the LCD and the display will not change even though the processor may still be running. The carriage can be moved up or down but the display will not change. Press "H" again and the "H" symbol will disappear and the display will revert to the current measurement.
- 1.6. **"TOL" key** (Tolerance presetting): After the "TOL" key is pressed a symbol "▲" will appear. Move the carriage to the upper limit of the tolerance and press the "TOL" key again. The ▼ symbol will appear. Move the carriage to the minimum value of the tolerance and press the key again. The tolerance setting is now complete. When the measurement displayed exceeds the upper or lower value the relevant symbol will flash.
- 1.7 To cancel tolerance presetting press the "TOL" key 3 times and the symbols will disappear.