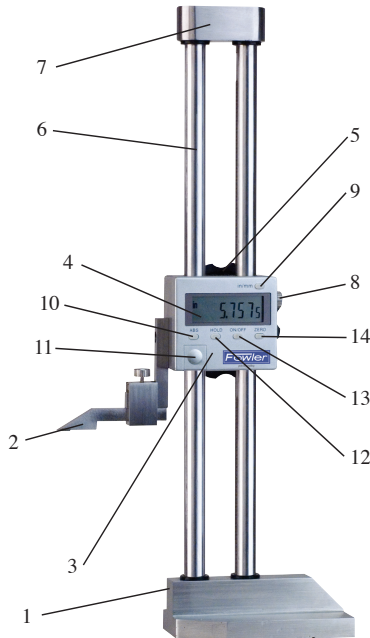


Please read through this owners manual carefully before using your new tool. Use your tool properly and only for its intended use.



## Twin Beam Electronic Height Gage Specifications



- |                   |  |                                      |
|-------------------|--|--------------------------------------|
| 1. Base           | 2. Measuring Scriber (used for measuring and scribing) | 3. Carriage Slider                   |
| 4. LCD Screen     | 5. Handwheel   | 6. Column                            |
| 7. Frame Lock     | 8. Carriage Lock                                       | 9. mm/in Conversion Button           |
| 10. ABS Button    | 11. Battery Lid  | 12. Hold Button                      |
| 13. On/Off Button | 14. Zero Setting Button                                | 15. Indicator Holding Bar with clamp |



### 1. Main Technical Index

- 1.1 Range: 0-12"/0-300mm or 0-24"/600mm
- 1.2 Resolution: 0.01mm; 0.0005"
- 1.3 Indication accuracy: 12"= ± 0.04mm; 0.002", 24"= ± 0.07mm; 0.003"
- 1.4 Indication variability: 0.01mm; 0.0005"
- 1.5 Working temperature: 0 - 40°C.
- 1.6 Storage and transport temperature: -20 - 70°C.
- 1.7 Surrounding humidity: relative humidity 80%.

### 2. Features

- 2.1 Large LCD display.
- 2.2 ABS/INC Measuring.
- 2.3 Floating zero.
- 2.4 Datum position recall.
- 2.5 Indicator Holding Bar with clamp. Accepts 3/8" indicator stem or a dovetail.

### 3. Functions

- 3.1 OFF/ON key.
- 3.2 mm/in key: metric/inch conversion.
- 3.3 ABS key (relative measuring and absolute measuring).  
When height gage is in absolute mode, press the key to enter the relative measuring mode. The screen will display 0.00. Press again, and the gage returns to the absolute measuring mode while retaining the zero.
- 3.4 Hold key (display hold).  
Press the key, H appears. The display will not change although the processor is still operating. Press the key again, H will disappear and the display will show the current reading.
- 3.5 Zero key (zero setting).

### 4. Zero Setting

- 4.1 Clean base and scriber before use.
- 4.2 Relax carriage lock knob.
- 4.3 Rotating the handwheel.
  - A. Course adjust: Rotate the handwheel, with the small handle. Move the measuring scriber down to the basic plane.
  - B. Fine adjust: Rotate the handwheel slowly using the large blue wheel. Let the measuring scriber contact the part carefully without force.
- 4.4 Press zero setting key. Screen shows 0.00. Measuring or marking may begin.

### 5. Power Source

One SR44 (5U085) silver oxide battery can provide up to one year of normal use. The display will flash when a new battery is needed.

### 6. Notes

- 6.1 Keep the tool clean and avoid shocks or accuracy may be affected.
- 6.2 Move the tool by the base, not the columns.
- 6.3 Lower the carriage when not in use, but not lower than the bottom of the base. If the unit will not be used for some time, remove the scriber and apply a light coat of oil on all surfaces.
- 6.4 Keep away from strong magnetic fields.
- 6.5 Prevent water or other liquids from entering the carriage.

