
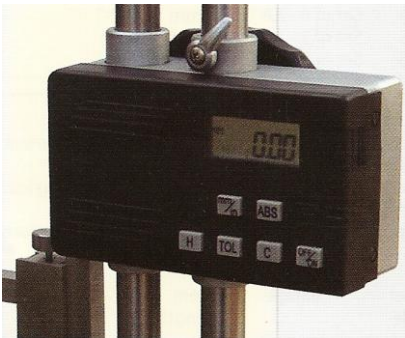


Electronic Double Column Height Gauge

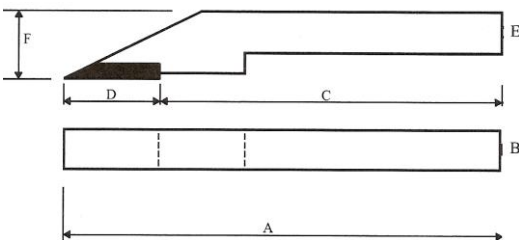
	<p>Robust twin column construction                  Large hand wheel for fast and fine adjustment                  Digit display: 8mm characters                  Tungsten carbide tipped scriber                  Power: 1 x SR44 silver oxide battery 1.5V</p> <p>Base Size</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>Base Size</th> <th>L mm</th> <th>W mm</th> <th>H mm</th> </tr> </thead> <tbody> <tr> <td>51-350-012</td> <td>135</td> <td>88</td> <td>45</td> </tr> <tr> <td>51-350-024</td> <td>180</td> <td>120</td> <td>53</td> </tr> </tbody> </table>	Base Size	L mm	W mm	H mm	51-350-012	135	88	45	51-350-024	180	120	53
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51-350-024	180	120	53										

Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
51-350-012	Electronic Double Column Height Gauge 300mm / 12"	3950	210	130	520
51-350-024	Electronic Double Column Height Gauge 600mm / 24"	9550	290	172	885

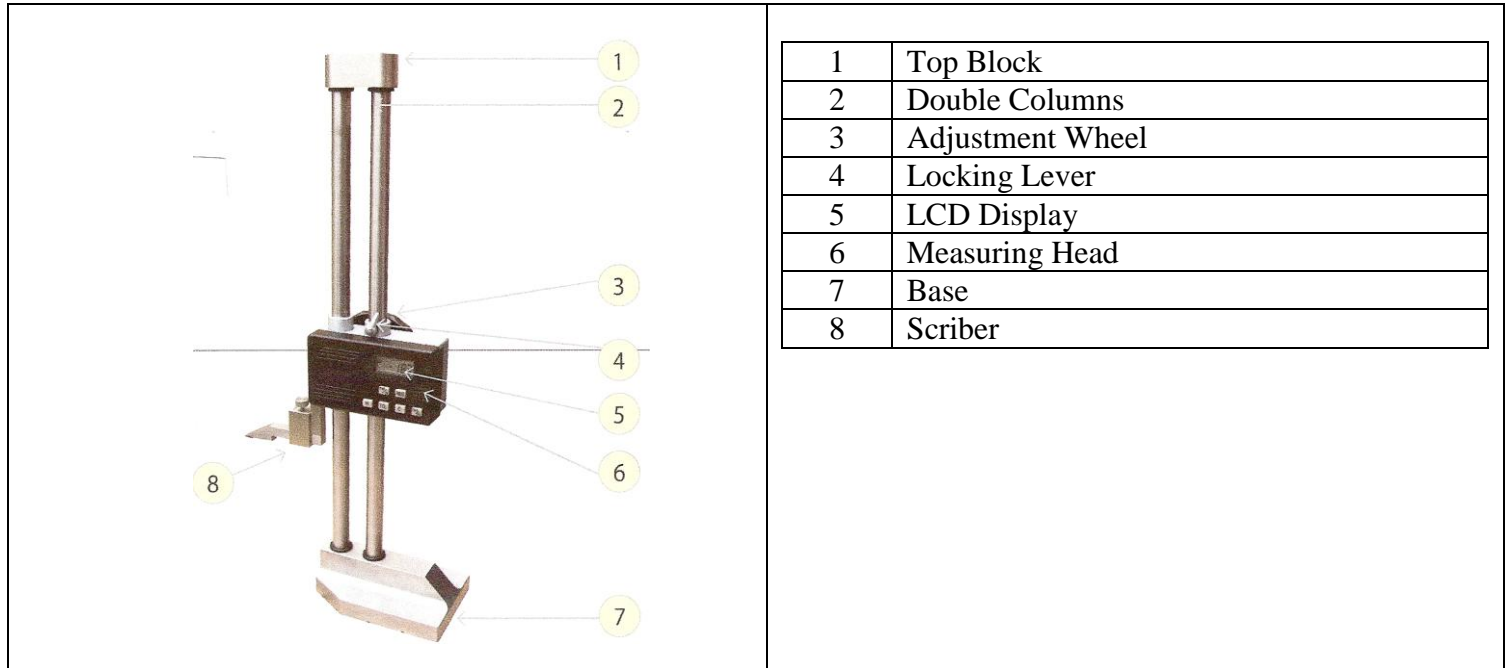
	<p>Function Buttons:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tbody> <tr> <td>MM/IN</td> <td>Metric / Inch Conversion</td> </tr> <tr> <td>ABS</td> <td>Absolute / Relative Modes</td> </tr> <tr> <td>H</td> <td>Hold</td> </tr> <tr> <td>TOL</td> <td>Tolerance Setting</td> </tr> <tr> <td>O</td> <td>Zero Setting</td> </tr> <tr> <td>ON</td> <td>Power Button</td> </tr> </tbody> </table>	MM/IN	Metric / Inch Conversion	ABS	Absolute / Relative Modes	H	Hold	TOL	Tolerance Setting	O	Zero Setting	ON	Power Button
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Code	Range	Resolution	Accuracy 0-200mm	Accuracy 200-400mm	Accuracy 400-600mm	Repeatability mm
51-350-012	300mm 12"	0.01mm 0.001"	0.03mm 0.0012"	0.04mm 0.0015"		0.01mm 0.001"
51-350-024	600mm 24"	0.01mm 0.001"	0.03mm 0.0012"	0.04mm 0.0015"	0.05mm 0.002"	0.01mm 0.001"

	<p>Replacement Scriber suits both models</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>Code</th> <th>A mm</th> <th>B mm</th> <th>C mm</th> <th>D mm</th> <th>E mm</th> <th>F mm</th> </tr> </thead> <tbody> <tr> <td>51-350-013</td> <td>80</td> <td>8.80</td> <td>70</td> <td>10</td> <td>9.25</td> <td>16</td> </tr> </tbody> </table>	Code	A mm	B mm	C mm	D mm	E mm	F mm	51-350-013	80	8.80	70	10	9.25	16
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## Electronic Double Column Height Gauge

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**Operating Care:**

- Clean instrument with a soft cloth only
- Keep away from strong magnetic fields
- Prevent ingress of oil and other liquids into electronic parts
- Remove battery if instrument is not to be used for a long period of time
- Do not disassemble or drop the instrument
- Do not carry the instrument by the top block
- Do not mark the instrument by engraving, etching or any other permanent method, as this will invalidate the warranty

**Absolute Measuring Mode:**

- Press ON/OFF key to power up display
- Press mm/in key to select metric or inch measuring system
- Press ABS key to remove INC if shown on display
- Instrument is now in Absolute Measuring Mode
- Traverse scriber down close to datum surface using hand wheel knob
- Use outer rim of hand wheel to carefully bring scriber into contact with the datum surface
- Press C key to zero display
- The Height Gauge is now ready to give direct readings from the datum surface
- The Instrument can be locked in the desired position to ensure the head does not move when scribing

**Relative Measuring Mode**

- Press ABS key to remove INC if shown on the display.
- Move Height Gauge Head to the required setting position and press ABS key to show INC on the display
- The display will automatically show zero
- Movement of the gauge head from this position will display a positive or negative reading from the Relative zero set position
- Press the ABS key to return to the Absolute zero set position

## Electronic Double Column Height Gauge

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## Tolerance Setting Mode:

Set Height gauge to zero in Absolute mode as previously described

Press TOL key to indicate ▲ symbol on the display screen, move the gauge head to indicate the upper tolerance size

Press TOL key to set the size and indicate ▼ symbol on the display screen.

Move the gauge head to indicate the lower tolerance size and press TOL key to set

The tolerance has now been set and the ▲ or ▼ symbol will be displayed to indicate whether the measurement is either above or below the desired size range

The screen will display OK when the measurement is within the tolerance band

## Data Hold:

Press H key to hold displayed size. The gauge head can now be moved whilst the display remains frozen

Press H key again and the Height Gauge will resume normal working and display the correct new position

## General Specifications:

Operating Temperature: 0 - 40°C

Storage Temperature: Minus 20°C to Plus 70°C

Humidity: Within 80%

Power Supply: 1 x SR44 Battery

Battery Life: 12 Months

## Fault Finding:

<b>Fault</b>	<b>Correction</b>
Display value frozen	Check if in Data Hold Mode
Display Confusion	Remove battery for 4 minutes, then replace to re-set the electronic
Incorrect Measurement	Clean measuring surfaces, re-set datum zero (see Operating Instructions) Measuring speed exceeded, use hand wheel only to move measuring head
No display	Check battery voltage and instrument contacts
Display Flashes	Replace battery