Datasheet
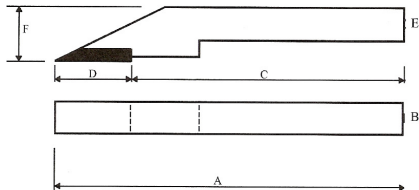# RS Pro Electronic Double Column Height Gauge

RS Stock No: 841-2546

Specifications:

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
Range: 300mm/12"
Resolution: 0.01mm /0.001"
Accuracy 0-200mm: 0.03mm/0.0012"
Accuracy 200-400mm: 0.04mm/0.0015"
Repeatability: .01mm/0.001"
Base Size:
Length: 135mm
Width: 88mm
Height: 44mm

Order Code	Manufacturers Code	Description
841-2546	51-350-012	Electronic Double Column Height Gauge 300mm / 12
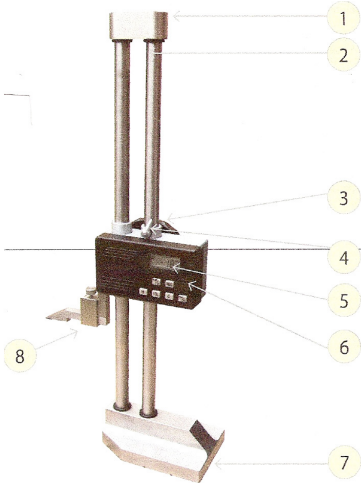
Datasheet
RS Pro Electronic Double Column Height Gauge

Scriber suits both models

A mm	B mm	C mm	D mm	E mm	F mm
80	8.80	70	10	9.25	16

1	Top Block
2	Double Columns
3	Adjustment Wheel
4	Locking Lever
5	LCD Display
6	Measuring Head
7	Base
8	Scriber

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RS Pro Electronic Double Column Height Gauge

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

Datasheet
RS Pro Electronic Double Column Height Gauge

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 Specification:
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