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Find the *Line Tool H* at our website: ***Click HERE***

Products

Model A



Travel: 1/2″

Movements: X – Y – Z planes

Overall size (including micrometer heads):
5-1/4″ L x 5-1/16″ W x 5-13/16″ H

Mounting Slide Dimensions: 1-5/8″ H x 1-3/4″ W

View Detailed Drawing
(print full size drawings in Landscape Mode – 600dpi)

Model A Specifications

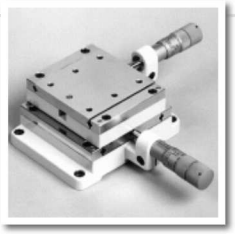
(available in Right or Left hand mounting)

This model will produce movements in the X-Y-Z planes. Each slide has 1/2 inch travel. Dimensions of the mounting slide are 1-3/4 inches wide by 1-5/8 inches high. The mounting slide has four #6-32 tapped holes. There are four drilled and counterbored holes in the base. The micrometer heads are graduated with .001 inch divisions. Metric micrometer heads with .01 mm divisions are available. The castings are of dense iron, nickel plated and finished with light gray enamel. Aluminum castings can also be furnished.

The vertical slide will carry 1 pound. One or two extra springs can be added and each spring will allow the unit to carry an additional pound.

Model A with iron castings weighs 3 pounds 10 ounces. This unit with aluminum castings weighs 2 pounds 2 ounces.

Model B



Travel: 1/2″

Movements: X – Y planes

Overall size (including micrometer heads):
5-1/4″ L x 5-1/16″ W x 1-17/32″ H

Mounting Slide Dimensions: 1-3/4″ W x 2″ L

View Detailed Drawing
(print full size drawings in Landscape Mode – 600dpi)

Model B Specifications

(available in Right or Left hand mounting)

This model will produce movements in the X-Y planes. Each slide has 1/2 inch travel. Dimensions of the mounting slide are 1-3/4 inches wide by 2 inches long. The mounting slide has six #6-32 tapped holes. The base has four drilled and counterbored holes for fastening. Micrometer heads are graduated with .001 inch divisions. Metric micrometer heads with .01 mm divisions can also be furnished. The castings are of dense iron, nickel plated and finished with light gray enamel. Aluminum castings can also be furnished. This unit will carry 20 pounds.

Model B with iron castings weighs 2 pounds 6 ounces. This unit with aluminum castings weighs 1 pound 7 ounces.

Model C



Travel: 1/2″

Movements: X – Z planes

Overall size (including micrometer heads):
5-1/16″ L x 3-3/16″ W x 5-3/16″ H

Mounting Slide Dimensions: 1-5/8″ H x 1-3/4″ W

View Detailed Drawing
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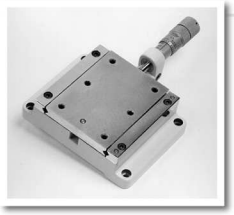
Model C Specifications

This model will produce movements in the X-Z planes. Each slide has 1/2 inch travel. Dimensions of the mounting slide are 1-3/4 inches wide by 1-5/8 inches high. The mounting slide has four #6-32 tapped holes. The base has four drilled and counterbored holes for fastening. Micrometer heads are graduated with .001 inch divisions. Metric micrometer heads with .01 mm divisions can also be furnished. The castings are of dense iron, nickel plated and finished with light gray enamel. Aluminum castings can also be furnished.

The vertical slide will carry 1 pound. One or two extra springs can be added and each spring will allow the unit to carry an additional pound.

Model C with iron castings weighs 1 pounds 8 ounces. This unit with aluminum castings weighs 15 ounces.

Model D



Travel: 1/2″

Movements: Single Horizontal Movement

Overall size (including micrometer head):
5-1/16″ L x 3-3/16″ W x 29/32″ H

Mounting Slide Dimensions: 1-3/4″ W x 2-3/8″ L

View Detailed Drawing
(print full size drawings in Landscape Mode – 600dpi)

Model D Specifications

This model will produce one movement in a horizontal plane. Travel of the mounting slide is 1/2 inch. Dimensions of the mounting slide are 1-3/4 inches wide by 2-3/8 inches long. The mounting slide has six #6-32 tapped holes. There are four drilled and counterbored holes in the base. The micrometer head is graduated with .001 inch divisions. Metric micrometer head with .01 mm divisions is available. The castings are of dense iron, nickel plated and finished with light gray enamel. Aluminum castings can also be furnished. This unit will carry 20 pounds.

Model D with iron castings weighs 1 pounds 8 ounces. This unit with aluminum castings weighs 15 ounces.

Model E



Travel: 1/2″

Movements: Single Horizontal Movement

Overall size (including micrometer head):
4-11/16″ L x 2-3/8″ W x 21/32″ H

Mounting Slide Dimensions: 1-3/4″ W x 2″ L

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Model E Specifications

This model will produce one movement in a horizontal plane. Travel of the mounting slide is 1/2 inch. Dimensions of the mounting slide are 1-3/4 inches wide by 2 inches long. The mounting slide has six #6-32 tapped holes. There are four drilled and counterbored holes in the base for fastening from the top. This unit can be fastened from the top without disassembling. The mounting slide is moved to its extreme travel in either direction to expose the counterbored holes. The micrometer head is graduated with .001 inch divisions. Metric micrometer head with .01 mm divisions is available. The castings are of dense iron, nickel plated and finished with light gray enamel. Aluminum castings can also be furnished. This unit will carry 20 pounds.

Model E with iron castings weighs 15 ounces. This unit with aluminum castings weighs 10 ounces.

Model F



Travel: 1/2″

Movements: Single Vertical Movement

Overall size (including micrometer head):
2-1/4″ L x 3-1/8″ W x 4-5/8″ H

Mounting Slide Dimensions: 1-3/4″ W x 1-5/8″ H

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Model F Specifications

This model will produce one movement in a vertical plane. Travel of the mounting slide is 1/2 inch. Dimensions of the mounting slide are 1-3/4 inches wide by 1-5/8 inches long. The mounting slide has four #6-32 tapped holes. There are four drilled and counterbored holes in the base for fastening from the top. This model can also be used where a horizontal motion 90 degrees to a vertical plane is needed. The micrometer head is graduated with .001 inch divisions. Metric micrometer head with .01 mm divisions is available. The castings are of dense iron, nickel plated and finished with light gray enamel. Aluminum castings can also be furnished.

The vertical slide will carry 1 pound. One or two extra springs can be added and each spring will allow the unit to carry an additional pound.

Model F with iron castings weighs 1 pound 13 ounces. This unit with aluminum castings weighs 14 ounces.

Model G

Travel: 1″

Movements: X – Z planes

Overall size (including micrometer head):
7-3/4″ L x 3-7/8″ W x 8-5/16″ H

Mounting Slide Dimensions: 2-1/8″ W x 2-3/4″ H

View Detailed Drawing
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Model G Specifications

(shown with standard size micrometer heads)

This model will produce movements in the X-Z planes. Each slide has 1 inch travel. Dimensions of the mounting slide are 2-1/8 inches wide by 2-3/4 inches high. The mounting slide has twelve #10-32 tapped holes. The base has four drilled and counterbored holes for fastening.

Various micrometer heads are available for this unit. The standard size micrometer heads can be graduated with .001 inch graduations or .01 mm graduations. Large barrel micrometer heads are available with .0001 inch graduations.

The vertical slide will carry 4 pounds. One or two extra springs can be added and each spring will allow the unit to carry 2 additional pounds. It is not recommended to add the extra springs unless they are needed to support extra weight.

The castings are of high strength aluminum and finished with light gray enamel. The ball races and slides are tool steel hardened to 60 – 62 Rc and nickel plated.

Model G with standard size micrometer heads weighs 3 pounds 15 ounces and with large barrel heads weighs 4 pounds 11 ounces.

Model H

Travel: 1″

Movements: X – Y – Z planes

Overall size (including micrometer head):
9-15/16″ L x 8-5/16″ W x 8-5/16″ H

Mounting Slide Dimensions: 2-1/8″ W x 2-3/4″ H

View Detailed Drawing
(print full size drawings in Landscape Mode – 600dpi)



Model H Specifications

(shown with Right Hand mounting, Left Hand mounting available at no extra charge, shown with large barrel micrometer heads)

This model will produce movements in the X-Y-Z planes. Each slide has 1 inch travel. Dimensions of the mounting slide are 2-1/8 inches wide by 2-3/4 inches high. The mounting slide has twelve #10-32 tapped holes. The base has four drilled and counterbored holes for fastening.

Various micrometer heads are available for this unit. The standard size micrometer heads can be graduated with .001 inch graduations or .01 mm graduations. Large barrel micrometer heads are available with .0001 inch graduations.

The vertical slide will carry 4 pounds. One or two extra springs can be added and each spring will allow the unit to carry 2 additional pounds. It is not recommended to add the extra springs unless they are needed to support extra weight.

The castings are of high strength aluminum and finished with light gray enamel. The ball races and slides are tool steel hardened to 60 – 62 Rc and nickel plated.

Model H with standard size micrometer heads weighs 5 pounds 12 ounces and with large barrel heads weighs 6 pounds 9 ounces.

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