

Microscope Motorized Linear Stages



Overview

- Stage Dimension: 200 x 200 mm
- Center Glass Dimension: 122 x 145 mm
- Drive Type:
JT200-100: Stepping Motor
JTH200-100: Stepping Motor
- Travel Range: XY=100
- Loading : 30 kg
- Resolution : 1.25 um
- Repeatability: : ±1.25 um with 100 mm travel
- Straightness: ±0.008 mm
- High accuracy and great smoothness
- Metric / Imperial Version available
- Customized specifications upon request
- Can choose higher precision ballscrew (C1~C10), refer to page E. 06
- To order Imperial model please add *-I-* to item

Specification & Item Numbers

JTH200-100

JTH Series

JT Series

JT200-100

JT200-100 Solid Platform

Technical drawings show dimensions for both series. The JTH Series has a center aperture of 122x145 mm and a total stage size of 200x200 mm. The JT Series has a center aperture of 100x100 mm and a total stage size of 200x200 mm. Both series feature 4-M4x0.7P ONØ175 mounting holes and 4-M6x1P on Ø200 mounting holes. The JTH Series also includes 4-M6 CLR mounting holes. The JT Series includes 9-M6*1P mounting holes. The JT200-100 Solid Platform has a height of 44 mm.

Item Numbers

- The **H** after the platform dimension = multi-home design

Item Number	Design	Travel Range (mm)	Position Accuracy (mm)	Weight (kg)
JTH200-100	Center Aperture	100x100	±0.02 / 250 (C7)	8.5
JT200-100	Solid Platform	100x100	±0.02 / 250 (C7)	9.4
JTH200H-100	Center Aperture	100x100	±0.02 / 250 (C7)	8.5
JT200H-100	Solid Platform	100x100	±0.02 / 250 (C7)	9.4

Optical Tables

Stages

Optical Mounts

Components

Motion Systems

Education Systems

Lasers

Optics & Crystals

Other Equipment