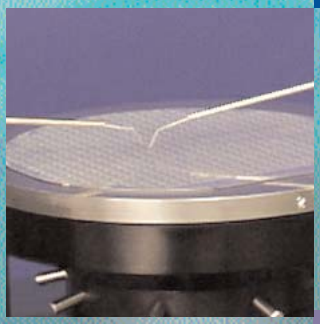




Precise, low-cost; Designed for inspection and laser-cutting of hybrid microcircuits

The RHM-Series Manual Hybrid Probe Stations are precision-built, low-cost units designed for the inspection and laser-cutting of semiconductor and hybrid microcircuits. Although engineered for economy and ease-of-operation, the RHM stations incorporate many capabilities common to more expensive stations.

CASCADE® MICROTECH

Innovating Test Technologies

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The **RHM-05** uses a vacuum mounted stage. It can be conveniently positioned by releasing the vacuum and moving the stage to a new position.

The **RHM-06** uses precision barrel-driven lead screws to achieve stage positioning. It features a 15.24 cm (6 in.) x-y excursion with 2.54 cm (1 in.) of z-travel and 360° of theta motion.

Either station can be provided with a socket card/packaged device holder (*see RHM-06 on front*) or 15.24 cm (6 in.) vacuum chuck.

The RHM Series probe station are ideal for use with any of Alessi line micropositioners; a microscope is required. Choose between Leica StereoZoom, Leica MicroZoom, Mitutoyo Finescope, or A-Zoom2 microscope. The 1 in. manual scope mount is required for the MicroZoom, Finescope, and A-Zoom2.

Features

- Easy loading and unloading
- 5.24 cm (6 in.) travel
- Choice of quick action vacuum or barrel-driven stage
- Choice of socket card/packaged device holder or 6 in. vacuum chuck

Specifications

RHM-05 Stage
Type: vacuum stage
Travel: 15.24 cm x 15.24 cm (6 in. x 6 in.)
Drive: manual positioning

RHM-06 Stage
Type: Ball bearing
Travel: 15.24 cm x 15.24 cm (6 in. x 6 in.)
Drive: barrel-driven lead screw

Requirements

Electrical: 120 VAC 50-60 Hz
Vacuum: 0.5 C.F.M. @ 38.1 cm (15 in.) Hg

Dimensions

Weight: approx. 54.43 kg (120 lbs.)
Height: 53.34 cm (21 in.)
Base: 66.04 cm (26 in.) W x 45.72 cm (18 in.) D

Accessories

- MDL, MD1, MH2 or MH4 Micropositioners
- CCTV and Polaroid camera
- Laser cutting systems
- Thermal systems
- Vibration isolation table
- Socket cards with ZIF socket

Optics

- Olympus
- Mitutoyo Finescope
- A-Zoom2

Ordering information

Basic Hybrid Probe station with 11.43 cm (4.5 in.) packaged device holder.....*RHM-05*

Basic Hybrid Probe station with 15.24 cm (6 in.) vacuum chuck *RHM-05/V*

Manual Hybrid Probe Station with 11.43 cm (4.5 in.) packaged device holder.....*RHM-06*

Manual Hybrid Probe Station with 15.24 cm (6 in.) vacuum chuck *RHM-06/V*

Option

1 in. manual scope mount for MicroZoom, Finescope or A-Zoom.....*RHM-06/C*

CASCADE MICROTECH

Innovating Test Technologies for better measurements faster

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