

Square Cover Slide Gizmo

HAMPTON
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Solutions for Crystal Growth

User Guide

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Compatibility

The 22 mm x 1.0 mm Square Cover Slide Gizmo is compatible with:

- 22 mm diameter, siliconized Square glass cover slides (1.0 mm thick)

Recommended Square Glass Cover Slides

HR3-223 - 22 mm x 1.0 mm Siliconized Square cover slides - 4 oz pack (~ 75 slides)

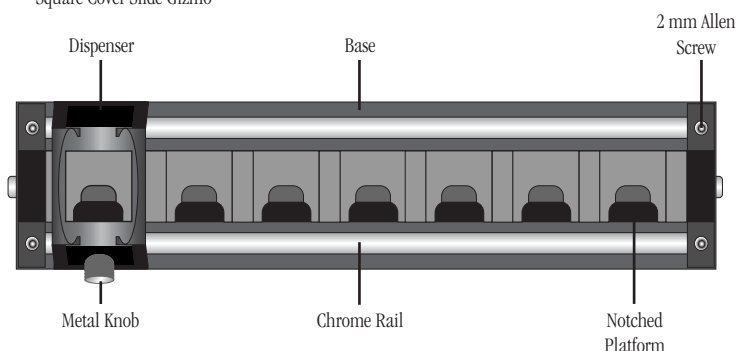
HR3-225 - 22 mm x 1.0 mm Siliconized Square cover slides - 40 oz case (~ 750 slides)

Description

The **Dispenser** holds up to 1 pack of 22 mm x 1.0 mm plain or siliconized Square cover slides. The dispenser is fitted with a metal **Knob** to allow easy movement when loading and unloading cover slides. The Dispenser moves to the right and left ends of the cover slide Gizmo along two chromed **Rails**. The rails are positioned over the cover slide **Platform**. Each Rail is secured to the 22 mm x 1.0 mm Square Cover Slide Gizmo with 2 mm allen head screws. A top edge of the Platform is notched at each cover slide position to allow finger or forceps access to the cover slides dispensed onto the Platform. The **Base** has four rubber feet to keep the 22 mm x 1.0 mm Square Cover Slide Gizmo flat and stationary. A black metal **Cover Slide Chamber** supplied with the 22 mm x 1.0 mm Square Cover Slide Gizmo fits over the Dispenser to keep cover slides clean during operation. See Figure 2.

Figure 1

Top View of the 22 mm x 1.0 mm Square Cover Slide Gizmo



Using the 22 mm x 1.0 mm Square Cover Slide Gizmo

1. Insert the metal **Tab** into the bottom slot of the **Cover Slide Chamber**. See Figure 2.

2. Position the chamber flat onto the table. Open the chamber door and carefully insert the 22 mm x 1.0 mm siliconized Square cover slides toward the bottom side of the Cover Slide Chamber where the tab is inserted. Figure 3.

Figure 2

Cover Slide Chamber

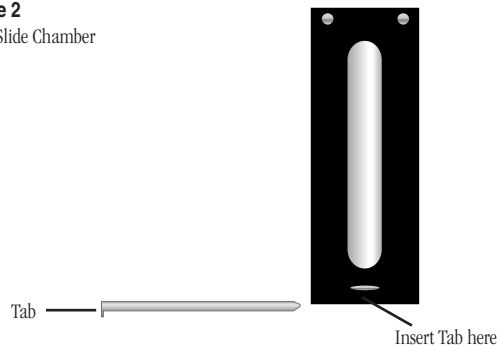
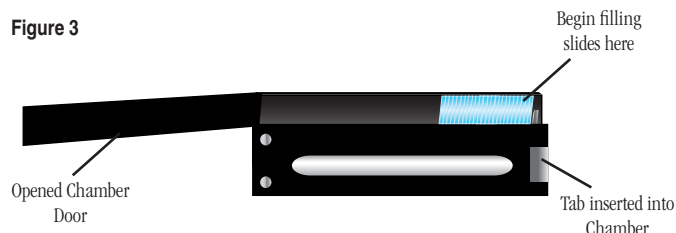


Figure 3

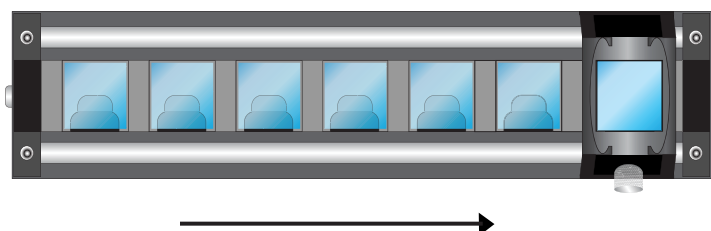


3. Carefully position the 22 mm x 1.0 mm Square Cover Slide Gizmo such that the metal knob on the dispenser is facing you. Clean any dust or debris from the 22 mm x 1.0 mm Square Cover Slide Gizmo. Position the Dispenser all the way to the left end of the 22 mm x 1.0 mm Square Cover Slide Gizmo. (Figure 1). Be sure no cover slides are positioned on the Platform to the right of the Dispenser.

4. Align and insert the slide chamber into the slide dispenser. Remove the metal tab.

5. There are two ways one can dispense the slides on the gizmo. **Gently** grab the knob attached to the Dispenser and slide the Dispenser all the way to the right. Or, Place your thumb and first finger gently onto the front and back top edge of the Dispenser, no need to press down on the Dispenser. Slide the Dispenser all the way to the right end of the Platform until the Dispenser is against the right end stop. Six cover slides will be positioned onto the platform. See Figure 4.

Figure 4



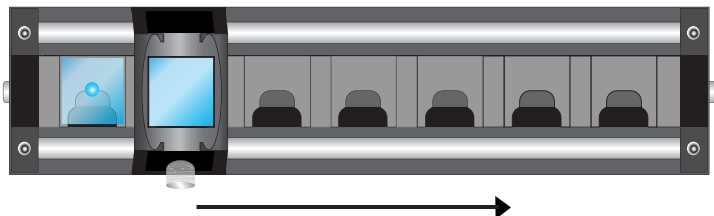
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6. To dispense a single cover slide, simply move the Dispenser one position on the Platform. Please see Figure 5 below. The black background of the 22 mm x 1.0 mm Square Cover Slide Gizmo allows one to see if the drop remains clear or contains precipitate during the drop build.

Figure 5



Do's and Don't's

Do use your 22 mm x 1.0 mm Square Cover Slide Gizmo to easily dispense slides.

Do keep your 22 mm x 1.0 mm Square Cover Slide Gizmo clean and happy.

Do feel free to name your 22 mm x 1.0 mm Square Cover Slide Gizmo.

Do use the Knob to move the Dispenser.

Do **NOT** grab and use the Cover Slide Chamber to move the Dispenser.

Do **NOT** move the Dispenser over already dispensed cover slides as this may result in damaged cover slides and a 22 mm x 1.0 mm Square Cover Slide Gizmo jam.

Do **NOT** over tighten the four 2 mm allen screws which secure the chrome rails to the 22 mm x 1.0 mm Square Cover Slide Gizmo as this will position the Dispenser too close to the Platform.

Maintenance

The 22 mm x 1.0 mm Square Cover Slide Gizmo requires no special maintenance. Keep the Dispenser and Platform free of dust and debris. One can clean the 22 mm x 1.0 mm Square Cover Slide Gizmo with a water soluble general purpose cleaner, or ordinary window cleaner. If the chrome rails become loose, use a 2 mm allen key to very gently turn the allen head screw clockwise until the screw makes contact with the chrome rail. Lubrication of the 22 mm x 1.0 mm Square Cover Slide Gizmo is not needed nor recommended.

Technical Support

Inquiries regarding the 22 mm x 1.0 mm Square Cover Slide Gizmo and general inquiries regarding crystallization are welcome. Please e-mail, fax, or telephone your request to Hampton Research. Fax and e-mail Technical Support are available 24 hours a day. Telephone technical support is available 8:00 a.m. to 4:00 p.m. USA Pacific Standard Time.

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