

Circle Cover Slide Gizmo

User Guide

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Compatibility

The 18 mm x 0.22 mm Circle Cover Slide Gizmo is compatible with:

- 18 mm diameter, siliconized circle glass cover slides (0.22 mm thick)

Recommended Circle Glass Cover Slides

HR3-239 - 18 mm x 0.22 mm Siliconized circle cover slides - 0.5 oz pack (~100 slides)

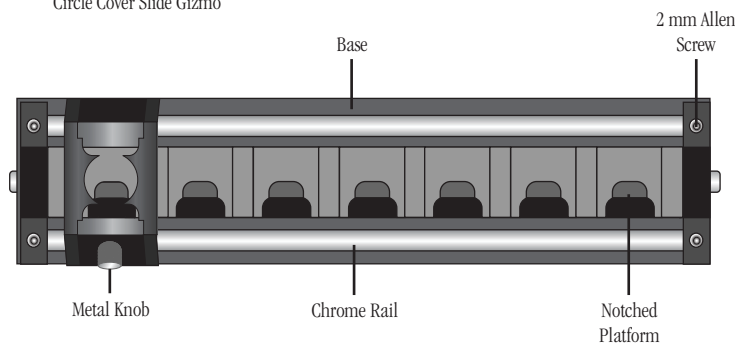
HR3-241 - 18 mm x 0.22 mm Siliconized circle cover slides - 5.0 oz case (~1,000 slides)

Gizmo Description

The **Dispenser** holds up to 1 pack of 18 mm x 0.22 mm plain or siliconized circle 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 18 mm x 0.22 mm 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 18 mm x 0.22 mm Cover Slide Gizmo flat and stationary.

Figure 1

Top View of 18 mm x 0.22 mm
Circle Cover Slide Gizmo

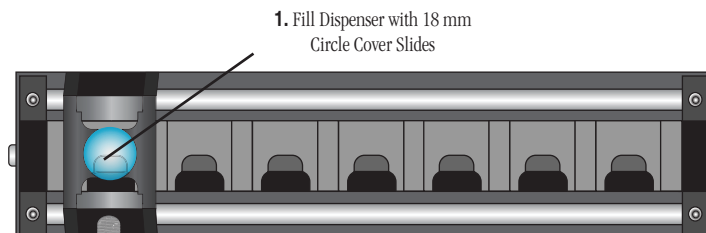


Using the 18 mm x 0.22 mm Cover Slide Gizmo

Position the 18 mm x 0.22 mm Cover Slide Gizmo such that the metal knob on the dispenser is facing you. Clean any dust or debris from the 18 mm x 0.22 mm Cover Slide Gizmo. Position the Dispenser all the way to the left end of the 18 mm x 0.22 mm Cover Slide Gizmo, Figure 2. Fill the Dispenser with 18 mm x 0.22 mm circle cover slides. The Dispenser holds up to 1 pack of 18 mm x 0.22 mm plain or siliconized circle cover slides. Be sure no cover slides are positioned on the Platform to the right of the Dispenser.

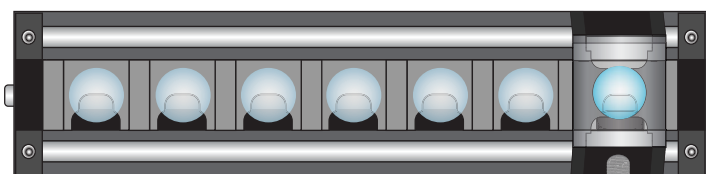
Figure 2

Setting up the Circle Cover
Slide Gizmo



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 3.

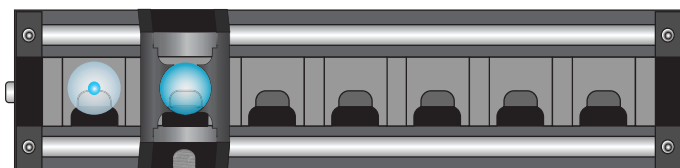
Figure 3



Build your drop. One at a time, two at a time...six at a time, the choice is yours. Building drops one at a time will expose drops to less evaporation than building six drops at a time. To remove slides, one at a time from the Cover Slide Gizmo, gently place your thumb and first finger on opposite sides of the slide, lift and place the cover slide onto the crystallization plate. Or, one can use forceps to gently grasp the cover slide and place the cover slide onto the crystallization plate. Once all of the cover slides are removed from the Platform, to dispense more cover slides, simply move the Dispenser all the way to the left end of the Platform until the Dispenser is against the right end stop. Six cover slides will be positioned onto the Platform.

To dispense a single cover slide, simply move the Dispenser one position on the Platform. Please see Figure 4 below. The black background of the Cover Slide Gizmo allows one to see if the drop remains clear or contains precipitate during the drop build.

Figure 4



Circle Cover Slide Gizmo

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Do's and Don't's

Do use your 18 mm x 0.22 mm Circle Cover Slide Gizmo to easily dispense slides.

Do keep your 18 mm x 0.22 mm Circle Cover Slide Gizmo clean and happy.

Do feel free to name your 18 mm x 0.22 mm Circle 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 18 mm x 0.22 mm Circle Cover Slide Gizmo jam.

Do **NOT** over tighten the four 2 mm allen screws which secure the chrome rails to the 18 mm x 0.22 mm Circle Cover Slide Gizmo as this will position the Dispenser too close to the Platform.

Maintenance

The 18 mm x 0.22 mm Circle Cover Slide Gizmo requires no special maintenance. Keep the Dispenser and Platform free of dust and debris. One can clean the 18 mm x 0.22 mm Circle 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 18 mm x 0.22 mm Circle Cover Slide Gizmo is not needed nor recommended.

Technical Support

Inquiries regarding the 18 mm x 0.22 mm Circle 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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