

Slides for Medical Applications

There is a diverse array of applications that require slides in the medical industry—and the opportunities to add movement, access, and positioning continue to grow.

The key criteria for slides in this market: long-lasting and reliable performance.

Let's look at a sampling of industry applications and the Accuride products recommended as potential solutions.

Mobile Supply Carts

Many medical applications are mobile, since supplies and services must be transported to where the need is most urgent. Wheeled carts are commonly used in hospitals, nursing homes, medical clinics, and laboratories to carry medical instruments, equipment, pharmaceuticals, and supplies. Aside from drawers, carts may be fitted with trays, shelves, work surfaces, or monitors.

Diagnostic, Monitoring or Laboratory Equipment

Whether in a mobile cart, nurses station, or patient or operating room, the need to monitor patient stats, observe conditions, or review test results requires equipment fitted with electronic components and screens. This equipment often requires slides to move components, alter access, or expand viewing or scanning capabilities.

Storage Drawers or Lockers

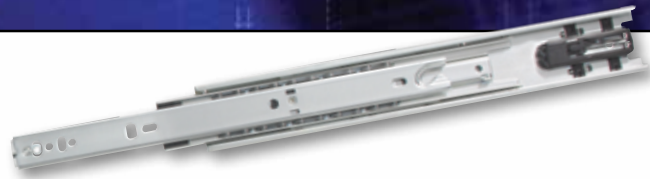
There are plenty of situations in medical environments that call for storage to house bulk supplies, equipment or test devices, tools, patient records, and other items. Often, this means high capacity drawers or shelves, which are best supported with heavy-duty load-rated slide products.



Photo courtesy of Omnicell, Inc.



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3832SC Self-Closing

Loads up to 100 pounds

This slide's self-closing feature brings drawers to a close and keeps them closed. It activates about 1-½ inches from closure, and is fitted with a strong detent that requires more pull force to open the drawer. The self-closing action works well with added locking mechanisms for situations where locking upon closure is desired to secure contents. This feature helps prevent drawers drifting open creating a hazard in fast-paced environments such as emergency rooms or surgery centers.



3832TR - Touch Release

Loads up to 100 pounds

The touch release feature ensures drawers stay securely closed until the drawer front is pressed, which releases the latch and propels the drawer open. This increases safety in fast-paced environments by preventing drawer roll out when supply carts are on the move.

In static installations, drawers can be opened hands-free through the use of a hip, knee, or elbow. For more demanding applications, a heavy-duty version of this product is also available.



0363 – Two-Way Travel

Loads up to 100 pounds

Model 0363 offers full extension movement extending from a center detent, which essentially doubles the slide's travel. This unique operation allows drawers or trays to extend out from either side of a cart, expanding access. This is helpful for applications such as pass-through trays or drawers at reception or pharmaceutical counters.





CBLift-0019 – Ascent

*Mechanical push-to-operate lift for small screens
Loads up to 14.5 pounds*

This compact product does not require electrical power for operation, simplifying installation and expanding application opportunities. The retracting feature allows screens to be stowed away when not in use, keeping delicate screens protected when carts are in transit. In static applications, concealing screens frees up desk space for other activities.



3641 – Heavy-Duty with Interlock System

Loads up to 180 pounds

Model 3641 offers a unique rod-based interlock system that allows only one drawer to open at a time. This serves to prevent the accidental tipping of heavy multi-drawer cabinets. This feature also offers a platform to integrate optional central- or gang-locking actuators to secure cabinet contents.

This durable product is a good choice for furniture, storage cabinets, lateral files, and other medical-related applications where the safety feature of the interlock is an advantage.



115 – Linear Travel Slide

Flat mounted – up to 132 pounds per pair

Side mounted – up to 110 pounds per pair

*May be mounted vertically as a
non-load bearing guide*

This slide brings guidance, support, or adjustment to components. In medical equipment, the precision movement throughout the length of the slide allows for exact positioning and access; apparatuses may be moved out of the way or into a storage position. Model 115 is also useful for customizing placement of laptop docking stations, touch screens, platforms, and other devices.



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Stainless Steel Slides

In situations where moisture is a consideration, stainless steel slides may be the answer. Model SS5321 offers a higher load rating, which will accommodate more demanding applications in equipment, machinery, or the storage of bulky items.



SS5321 – Stainless Steel for Corrosion Resistance
Over Travel and Non-Disconnect
Loads up to 350 pounds

More Information, More Options

For complete product details, visit www.accuride.com, where you'll find many more slides to choose from with special features such as soft-closing, self-closing, lock-in, and lock-out.

In addition to our standard line of products, for special order or large volume projects, please contact your Accuride representative for information regarding custom product options.

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