

224/225

Barrier-Free®
Examination Chairs



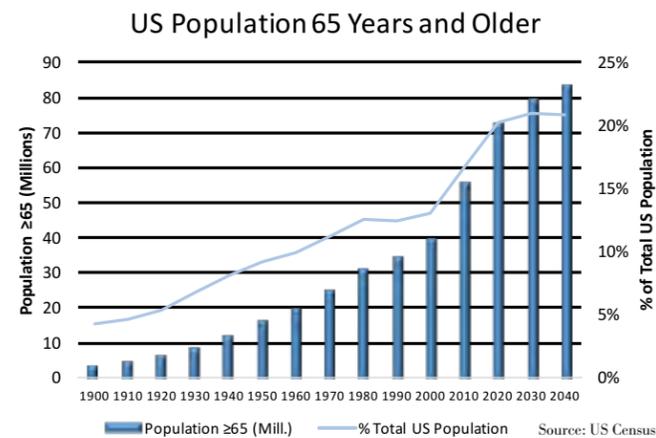
Ritter®
by MIDMARK

224 & 225 Barrier-Free® Chairs

Your patients are changing.

The number of elderly and obese in the U.S. is steadily growing, and over one fifth of adults in America are disabled.¹ Assisting patients with mobility limitations onto exam chairs has become a frequently performed task. Although caregivers working in healthcare facilities are one of the most at-risk professions for musculoskeletal disorders,² little has been done to evaluate and reduce risk.

Exam tables in ambulatory settings typically have a fixed height of about 33 inches, requiring caregivers to assist or lift patients with mobility limitations. In some cases, patients are unable to get onto the exam table—this inhibits the exam process, lowers the quality of care received and diminishes desired outcomes.



1 in 5
have some form
of disability



How much greater the risk of
musculoskeletal disorders for
nursing assistants than other
workers.³

We can help.

Ritter Barrier-Free Examination Chairs by Midmark adjust in height from 18-37 inches, improving accessibility to the exam chair and reducing the likelihood of staff injury. In a recent study, caregivers reported dramatically less perceived physical exertion when using a height-adjustable exam table versus a fixed-height table. In fact, results showed an actual 95% to 98% reduction.³

Ritter 224 & 225 Barrier-Free chairs are designed to offer low and high positioning heights so you can provide the best care to all patients, whether treating the elderly, expectant mothers or patients with disabilities.



Ritter 225
Barrier-Free
Examination Chair

¹CDC. https://www.cdc.gov/ncbddd/disabilityandhealth/documents/disabilities_impacts_all_of_us.pdf

²Bureau of Labor Statistics. <https://www.bls.gov/iif/>

³Reducing Risk: Fragala G. Reducing Occupational Risk to Ambulatory Caregivers. *Workplace Health Saf.* 2016 Sep;64(9):414-9. doi: 10.1177/2165079916642776. Epub 2016 May 12. PMID: 27174130/PMID: 27174130

The path to better care begins with better vitals.

Vitals are the beginning of the patient-caregiver interaction, providing critical information related to changes in patient health and playing an important role in a physician's treatment decisions. The integration of EMRs, new technologies and automated devices can have a significant impact on the overall efficiency of the process. In fact, by simply bringing all vitals capture (including weight) to the point of care using an automated device, you can save time—over a minute per patient.



Using a Ritter Barrier-Free[®] exam chair with an automated vitals device like Midmark IQvitals[®] or IQvitals[®] Zone[™]

allows you to bring more to the point of care, not only saving time, but helping reduce common transcription errors. Once vitals data is captured, it can be ported directly into the EMR with just the push of a button.



IQvitals with Masimo[®] SpO₂



IQvitals Zone Wireless Monitor with Masimo SpO₂ option on mobile cart



IQvitals Zone Wireless Monitor with Masimo SpO₂ option on a wall mount arm

Standard Features



Stirrups and Pelvic Tilt*
Help position patients properly and comfortably for lower-body examinations.



Foot Control
Standard foot control designed to make patient positioning quick, effective and always within reach



Tamper-Resistant Receptacles*
Easy-access receptacles on both sides of the chair provide a power connection for ancillary devices. And they are tamper resistant to help prevent injury.



Accessory Receivers
Standard receivers are designed to make the integration of accessories easy and efficient—no tools required.

Optional Feature (on select models)



Clean Assist™ Roller System
The retractable roller base allows you to easily and safely move the chair for cleaning.



*Not available on 224-001 model

Accessories that add convenience



Patient Support Rails Plus™
Help achieve proper positioning of the patient's arm for blood pressure capture.



Patient Support Rails™
Provide patients with a 1 1/4 inch diameter continuous gripping surface for entering, exiting or repositioning on the exam chair.



Assist Arms
Designed to offer patients a stable gripping surface for accessing the chair and a sense of security during positioning.



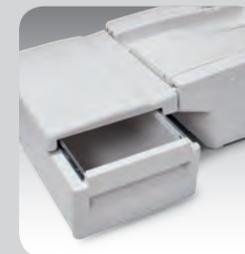
Ritter 253 LED Light
Designed with easy access controls, high intensity light and an adjustable focal spot. Available in table mount and mobile options.



Articulating Knee Crutches
The unique ball-socket design allows for a maximum range of adjustment, designed to ensure optimum knee and leg support. Available in non-articulating option.



IQvitals® Table Mount
Convenient table mount for the Midmark IQvitals vital signs device, designed to fit all Midmark and Ritter exam chairs.



Supply Assistant
Provides extra storage for bulky exam supplies. Keeps drapes, gowns and similar items within easy reach.



Stainless Steel Treatment Pan
Ideal for lower-body procedures or other situations in which removal of fluid and debris is necessary.

Ritter 224 & 225

S P E C I F I C A T I O N S

Ritter 224 and 225 Barrier-Free exam chairs are designed for properly positioning patients when necessary for lower-body examinations.



Ritter 224 Barrier-Free® Power Examination Chair

Features

The Ritter 224 has a gas-spring assisted back section with an easy access backrest mechanism while the Ritter 225 has a power back system. Both have adjustable low and high heights, built-in pillows, hideaway stirrups that lock in one of four lateral positions, foot extension shelves to expand the table length, paper roll holders hidden under the headrest, storage for one 21" x 3.5" diameter paper roll, polystyrene treatment pans, foot control, and leveling feet.

Specifications

Patient Weight Capacity: 500 lb (227 kg)
 Height: Uncompressed: 18" Low/37" High (46 cm/94 cm)
 Seamless Upholstery Dimensions: 28" W x 60" L (71 cm/152 cm)
 Length with Footrest Extended: 76" (193 cm)
 Pelvic tilt: 5 1/5°
 Heated Drawer: 24.6 watt
 Heated Drawer Temperature: 92° F to 112° F at 115 VAC input voltage, 70° F ambient
 Paper Roll Holder: Holds 24" x 3.56" dia. paper roll (61 cm x 9 cm)
 Electrical Receptacle - Electrical Draw: 4 A
 Hospital-grade, electrical receptacles on left and right sides
 Table Weight: 409 lb (185 kg)
 Shipping Weight: 465 lb (211 kg)

Electrical Ratings

224-001: 115 VAC, 50/60Hz, 9A
 224-002: 115 VAC, 50/60Hz, 11.5A
 224-003: 115 VAC, 50/60Hz, 11.5A
 225-002: 115 VAC, 50/60Hz, 11.5A
 225-003: 115 VAC, 50/60Hz, 11.5A

Accessories

Patient Support Rails Plus™
 Patient Support Rails™
 Assist Arms
 Supply Assistant
 Articulating Knee Crutches
 Knee Crutches
 Stainless Steel Treatment Pan
 IQvitals® Table Mount

Standard Upholstery Colors

- Mist-813
- Stone-814
- Restful Path-858
- Iron Ore-851
- Lunar Gray-845
- Obsidian-857
- Oasis-843
- Soothing Blue-855
- Dream-847
- Mineral-844
- Healing Waters-848
- Shaded Garden-853
- Citrus-849
- Sandy Retreat-850
- Curative Copper-846
- Cranberry-859
- Dark Linen-856
- Latte-860
- Robust Brown-852
- Deep Earth-854

UltraFree® Colors

- UltraFree Stone-865
- UltraFree Restful Path-868
- UltraFree Obsidian-867
- UltraFree Harbor-861
- UltraFree Wheatgrass-862
- UltraFree Spice-863
- UltraFree Cranberry-869
- UltraFree Dark Linen-866
- UltraFree Latte-870
- UltraFree Branch-864

*UltraLeather® by Ultrafabrics

CARB 93120.2 Phase 2 Compliant

Midmark is an ISO 13485 and ISO 9001 Certified Company.

For more information or a demonstration, contact your Midmark dealer or Midmark Corporation, Dayton, OH. Call: 1-800-MIDMARK Fax: 1-800-365-8631 or visit midmark.com

Ritter 224/225 Comparison Chart

	18" Seat Height (Uncompressed)	500 lb Weight Capacity	Power Base	Standard Rail Accessory Receivers	Power Back	Clean Assist™ Roller System	Active Sensing Technology*	Drawer Heater & Pelvic Tilt	Temper-Resistant Electrical Outlets
225-002	•	•	•	•	•		•	•	•
225-003	•	•	•	•	•	•	•	•	•
224-001	•	•	•	•					
224-002	•	•	•	•			•	•	•
224-003	•	•	•	•		•	•	•	•

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