



Kardex Remstar Pathology Blood Slide Vertical Carousel Storage System - 16 Carriers, 352 Trays, 247,808 Slide Capacity

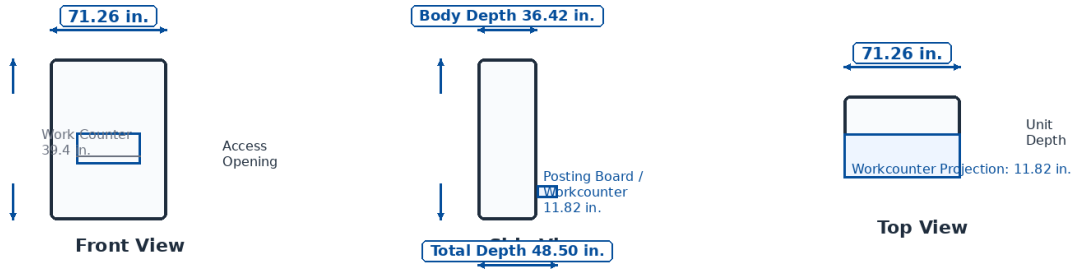
Model: SSG-115-1610N

Technical Document: Customer-Facing Specifications & Planning Information

This technical document summarizes the customer-facing specifications, planning dimensions, carrier and tray information, and floor-loading guidance for the Kardex Remstar Pathology Blood Slide Vertical Carousel Storage System - 16 Carriers, 352 Trays, 247,808 Slide Capacity. It is intended to support product review and preliminary planning for pathology and histology slide storage applications.

Technical Drawing Overview

Model SSG-115-1610N | Width 71.26 in. | Height 98.43 in. | Depth with Workcounter 48.50 in.



Quick Technical Highlights

- **Standing Work Count Height:** 99.22 in.
- **Average Access Time:** 5.7 sec.
- **Noise Level:** 61 dB(A)
- **Door Type:** Standard manual bi-parting door with keylock
- **Control Version:** NEW LC24 Control
- **Power Supply:** 110V / 1-phase / 60 Hz
- **Amp Draw:** 16 AMP
- **Minimum Ceiling Height:** 99.22 in.

Product Overview

Slide Capacity	247,808 slides
Carriers / Levels / Trays	16 carriers / 32 levels / 352 trays
Overall Size (W x D x H)	71.26 x 48.50 x 98.43 in.
Average Access Time	5.7 seconds
Power	110 Volt / 1-phase / 60 Hz / 16 AMP
Door Type	Standard manual bi-parting door with keylock
Work Counter Height	39.4 in.
Minimum Ceiling Height	99.22 in.

Carrier Information

Carrier Type	Multipurpose carrier
Carrier Clear Size (H x W x D)	8.85 x 57.09 x 12.67 in.
Carrier Capacity	330 lb.
Additional Shelf Levels per Carrier	1
Additional Shelf Clear Size	3.93 x 56.61 x 12.63 in.
Additional Shelf Capacity	148 lb.
Estimated Carrier Load	240.9 lb. with media and tray weight

Tray Information

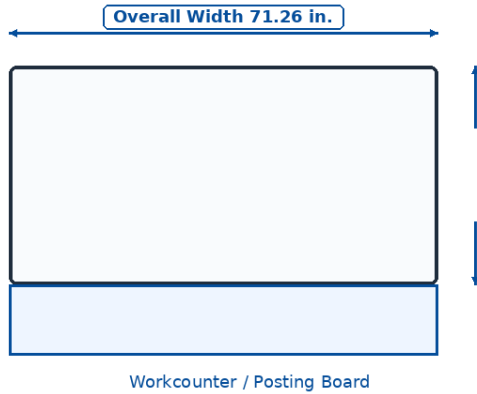
Slide Tray Part ID	CRC-TR-PATH-115
Slide Tray Description	Slide Tray (4 rows)
Slide Tray Exterior Size	2.75 x 4.75 x 11.42 in.
Slide Tray Interior	1.125 x 4 rows Interior depth 11.00 in.
Slides per Tray	704
Tray Weight / LFI	2.5 lb. 44 LFI
Universal Tray	Universal Block/Slide Tray (6 rows) (CRC-TR-PATH-115-UNI)
Universal Tray Exterior Size	2.75 x 7.875 x 11.42 in.
Universal Tray Weight / LFI	4.0 lb. 66 LFI
Media Mixing Note	Mixing slides and blocks in one unit is not permitted due to weight differences unless vendor confirms configuration.

Controls & Safety Features

Control Version	NEW LC24 Control
Keyboard	NEW OP24 Keyboard
Controller Location	Work Counter/Table
Computer Interface Module	Included
Imbalance Detection	Included
Safety Light Curtain	Included
Touch Bars	Upper and lower touch bars included
Emergency Stops	Included left and right side of access opening
Emergency Service Switch	Included
Manual Handcrank	Included
Access Lighting	Full-width light above access opening
TUV Label	Included

Footprint & Floor Plan

Simplified customer-facing plan view based on the configured Model 115 footprint and support data.



Suggested Floor Plan Data

- **Supporting Unit Surface:** 100.28 in² / 647 cm²
- **A Clearance:** .18 in.
- **A* Clearance:** 2.03 in.
- **B Clearance:** 1.38 in.
- **C Clearance:** 4.72 in.
- **Rear Panel Offset (D):** n/a
- **Footprint with Workcounter:** 24.00 sq. ft.
- **Footprint without Workcounter:** 18.02 sq. ft.

Floor Loading & Site Planning Notes

- Average Floor Load: 2.92 lbs./in² (420.41 lbs./ft²)
- Dynamic Floor Load: 3.95 lbs./in² (568.8 lbs./ft²)
- Empty Unit Weight: 2,841 lb. | Fully Loaded Weight: 7,577 lb.
- Ceiling Review Needed: Yes | Floor Loading Review Needed: Yes | Seismic Review: Verify by project/location
- Units can be installed side-by-side or back-to-back. When installed through a ceiling or in a niche, allow approximately 1.2 in. (30 mm) free space around the unit.
- Customer should verify floor capacity, electrical service, and final site conditions before order and installation. Specifications subject to change without notice.

Floor Loading & Planning Data

Footprint with Workcounter	24.00 sq. ft.
Footprint without Workcounter	18.02 sq. ft.
Supporting Unit Surface	100.28 in ² / 647 cm ²
Average Floor Load	2.92 lbs./in ² (420.41 lbs./ft ²)
Dynamic Floor Load	3.95 lbs./in ² (568.8 lbs./ft ²)
Empty Unit Weight	2,841 lb.
Fully Loaded Weight	7,577 lb.
Media Weight Fully Loaded	4,736 lb.
Seismic Review	Verify by project/location

Electrical & Installation Notes

Power Supply	110 Volt / 1-phase / 60 Hz
Amp Draw	16 AMP
Breaker Size	20*
Average / Maximum Power Consumption	1.2 KVA / 3.0 KVA
Drive Motor	AC gear motor - 1.5 KVA
GFI Circuit Note	Cannot be wired to a GFI circuit
Professional Installation Required	Yes
Site Survey Needed	Recommended
Power Review Needed	Yes
Ceiling Review Needed	Yes

Important customer note: Specifications are based on the configured pathology carousel model and are provided for planning purposes only. Final application review should confirm floor loading, ceiling clearance, power requirements, seismic considerations, and installation conditions. StoreMoreStore and Southwest Solutions Group can assist with product selection, layout planning, and implementation support.