



# Kardex Remstar Pathology Blood Slide Vertical Carousel Storage System - 18 Carriers, 396 Trays, 278,784 Slide Capacity

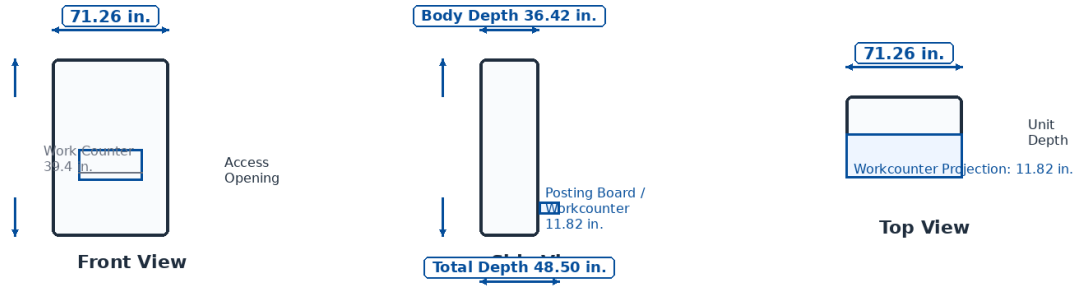
Model: SSG-115-1810N

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 - 18 Carriers, 396 Trays, 278,784 Slide Capacity. It is intended to support product review and preliminary planning for pathology and histology slide storage applications.

## Technical Drawing Overview

Model SSG-115-1810N | Width 71.26 in. | Height 108.27 in. | Depth with Workcounter 48.50 in.



### Quick Technical Highlights

- **Standing Work Counter Height:** 39.4 in.
- **Average Access Time:** 6.4 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:** 109.06 in.

## Product Overview

<b>Slide Capacity</b>	278,784 slides
<b>Carriers / Levels / Trays</b>	18 carriers / 36 levels / 396 trays
<b>Overall Size (W x D x H)</b>	71.26 x 48.50 x 108.27 in.
<b>Average Access Time</b>	6.4 seconds
<b>Power</b>	110 Volt / 1-phase / 60 Hz / 16 AMP
<b>Door Type</b>	Standard manual bi-parting door with keylock
<b>Work Counter Height</b>	39.4 in.
<b>Minimum Ceiling Height</b>	109.06 in.

## Carrier Information

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

## Tray Information

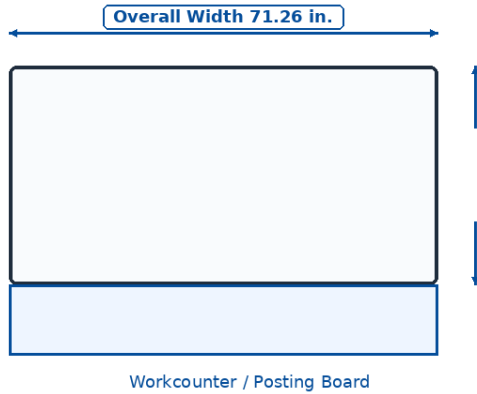
<b>Slide Tray Part ID</b>	CRC-TR-PATH-115
<b>Slide Tray Description</b>	Slide Tray (4 rows)
<b>Slide Tray Exterior Size</b>	2.75 x 4.75 x 11.42 in.
<b>Slide Tray Interior</b>	1.125 x 4 rows   Interior depth 11.00 in.
<b>Slides per Tray</b>	704
<b>Tray Weight / LFI</b>	2.5 lb.   44 LFI
<b>Universal Tray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

## Controls & Safety Features

<b>Control Version</b>	NEW LC24 Control
<b>Keyboard</b>	NEW OP24 Keyboard
<b>Controller Location</b>	Work Counter/Table
<b>Computer Interface Module</b>	Included
<b>Imbalance Detection</b>	Included
<b>Safety Light Curtain</b>	Included
<b>Touch Bars</b>	Upper and lower touch bars included
<b>Emergency Stops</b>	Included left and right side of access opening
<b>Emergency Service Switch</b>	Included
<b>Manual Handcrank</b>	Included
<b>Access Lighting</b>	Full-width light above access opening
<b>TUV Label</b>	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 in<sup>2</sup> / 647 cm<sup>2</sup>
- **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: 3.25 lbs./in<sup>2</sup> (467.57 lbs./ft<sup>2</sup> )
- Dynamic Floor Load: 4.4 lbs./in<sup>2</sup> (633.6 lbs./ft<sup>2</sup> )
- Empty Unit Weight: 3,099 lb. | Fully Loaded Weight: 8,427 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

<b>Footprint with Workcounter</b>	24.00 sq. ft.
<b>Footprint without Workcounter</b>	18.02 sq. ft.
<b>Supporting Unit Surface</b>	100.28 in <sup>2</sup> / 647 cm <sup>2</sup>
<b>Average Floor Load</b>	3.25 lbs./in <sup>2</sup> (467.57 lbs./ft <sup>2</sup> )
<b>Dynamic Floor Load</b>	4.4 lbs./in <sup>2</sup> (633.6 lbs./ft <sup>2</sup> )
<b>Empty Unit Weight</b>	3,099 lb.
<b>Fully Loaded Weight</b>	8,427 lb.
<b>Media Weight Fully Loaded</b>	5,328 lb.
<b>Seismic Review</b>	Verify by project/location

## Electrical & Installation Notes

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