



# Kardex Remstar Pathology Blood Slide Vertical Carousel Storage System - 21 Carriers, 462 Trays, 325,248 Slide Capacity

Model: SSG-115-2110N | Customer-Facing Specification Sheet

This Kardex Remstar pathology vertical carousel module is configured for high-density storage of blood slides, microscope slides, histology slide trays, and long-term laboratory archives. It stores 325,248 slides in 462 slide trays across 21 carriers, helping laboratories consolidate slide storage while bringing trays to an ergonomic access counter for organized retrieval.

<b>325,248</b>	<b>21 / 462</b>	<b>71.26 in W x 48.50 in D</b>	<b>124.02 in</b>	<b>7.5 sec</b>
Slide Capacity	Carriers / Trays	Footprint with Workcounter	Overall Height	Avg. Access Time

## Product Overview

<b>Product Type</b>	Vertical Carousel Module (Pathology Glass Slide Storage)
<b>Brand</b>	Kardex Remstar
<b>Manufacturer</b>	Kardex
<b>Model Family</b>	Kardex Megamat / Lektriever 115 pathology carousel
<b>Material</b>	Steel carousel frame, carriers, shelves, and slide trays
<b>Finish / Color</b>	Light gray endframes/work counter; silver fir blue panels
<b>Lock / Access Control</b>	Manual bi-parting door with key lock; optional software/security access controls
<b>Primary Applications</b>	Blood slides; microscope slides; pathology and histology slide trays; tissue samples; paraffin block/cassette archive workflows; record cards; microtiter plates; vials/bottles; small laboratory archive materials.
<b>Availability</b>	Built to order / project review required
<b>Lead Time</b>	Confirm current lead time during project review
<b>Warranty</b>	Manufacturer warranty; confirm terms during project review
<b>Country of Origin</b>	USA
<b>Assembly / Installation</b>	Professional installation required

## Storage Capacity

<b>Carriers</b>	21
<b>Shelf Levels</b>	42
<b>Slide Trays</b>	462
<b>Slide Capacity</b>	325,248
<b>Slides per Tray</b>	704
<b>Trays per Carrier</b>	22
<b>LFI per Carrier</b>	968
<b>Slides per Square Foot with Workcounter</b>	13,551.6

## Dimensions & Footprint

<b>Overall Width</b>	71.26 in.
<b>Depth without Workcounter</b>	36.42 in.
<b>Depth with Workcounter</b>	48.50 in.
<b>Overall Height</b>	124.02 in.
<b>Minimum Ceiling Height</b>	124.81 in.
<b>Workcounter / Posting Board Depth</b>	11.82 in.

## Dimensions & Footprint

Access Opening Clear Height	19.41 in.
Work Counter Height	39.4 in.
Footprint with Workcounter	24.00 sq. ft.
Footprint without Workcounter	18.02 sq. ft.

## Performance & Floor Loading

Average Access Time	7.5 sec.
Empty Unit Weight	3,497 lb.
Fully Loaded Weight	9,713 lb.
Media Weight Fully Loaded	6,216 lb.
Average Floor Load	538.9 lb./sq. ft.
Dynamic Floor Load	730.1 lb./sq. ft.
Carrier Capacity	330 lb.
Estimated Carrier Load with Media & Trays	240.9 lb.
Noise Level	61 dB(A)

## Carrier Configuration

Carrier Type	Multipurpose carrier
Carrier Clear Height	8.85 in.
Carrier Clear Width	57.09 in.
Carrier Clear Depth	12.67 in.
Additional Shelf Levels per Carrier	1
Additional Shelf Clear Height	3.93 in.
Additional Shelf Clear Width	56.61 in.
Additional Shelf Clear Depth	12.63 in.
Additional Shelf Capacity	148 lb.
Carrier Level Count	Levels = carriers x 2

## Tray Specifications

Slide Tray Part ID	CRC-TR-PATH-115
Slide Tray Description	Slide Tray (4 rows)
Slide Tray Exterior Size (H x W x D)	2.75 x 4.75 x 11.42 in.
Slide Tray Interior Row Configuration	1.125 x 4 rows
Slide Tray Interior Depth	11.00 in.
Slide Tray Weight	2.5 lb.
Slide Tray LFI	44
Slides per Inch Assumption	16
Universal Tray Part ID	CRC-TR-PATH-115-UNI
Universal Tray Description	Universal Block/Slide Tray (6 rows)
Universal Tray Exterior Size (H x W x D)	2.75 x 7.875 x 11.42 in.
Universal Tray Interior Row Configuration	1.25 x 6 rows
Universal Tray Weight	4.0 lb.
Universal Tray LFI	66
Media Configuration Note	Mixed slide and block configurations should be reviewed before ordering because slide and block weights differ.

## Electrical Requirements

<b>Power Requirement</b>	110 Volt / 1-phase / 60 Hz / 16 AMP
<b>Voltage</b>	110 V
<b>Phase</b>	1-phase
<b>Frequency</b>	60 Hz
<b>Amp Draw</b>	16 AMP
<b>Breaker Size</b>	20 amp dedicated circuit; confirm final electrical requirements during project review
<b>Average Power Consumption</b>	1.2 KVA
<b>Maximum Power Consumption</b>	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>Power Review Needed</b>	Yes

## Controls, Safety & Included 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>Emergency Service Switch</b>	Included
<b>Safety Light Curtain</b>	Included
<b>Touch Bars</b>	Upper and lower touch bars included
<b>E-Stop</b>	Included left and right side of access opening
<b>Manual Handcrank</b>	Included
<b>TUV Label</b>	Included
<b>Base Unit Includes</b>	Lockable bi-parting door unless automatic door chosen, dust cover/top, safety circuits, safety light curtain, emergency stops left/right side, upper/lower touch bars, motor, manual handcrank, electronics, TUV label.

## Access, Installation & Site Review

<b>Door Type</b>	Standard manual bi-parting door with keylock
<b>Door Lock Detail</b>	Keylock on manual bi-parting security door
<b>Work Counter Finish</b>	Standard light gray finish
<b>Access Lighting</b>	Full-width light above access opening
<b>Professional Installation Required</b>	Yes
<b>Floor Loading Review Needed</b>	Yes
<b>Ceiling Review Needed</b>	Yes
<b>Seismic Review Needed</b>	Verify by project/location
<b>Site Survey Needed</b>	Recommended
<b>Freight / Delivery Review</b>	Freight, delivery access, rigging, and installation requirements are project-specific and should be reviewed before order release
<b>Power Review Needed</b>	Yes

Southwest Solutions Group provides product guidance and complete project support for Kardex Megamat Vertical Carousel Modules, including model selection, application review, layout planning, installation coordination, and implementation support. Call [866-285-8646](tel:866-285-8646) or email [sales@storemorestore.com](mailto:sales@storemorestore.com) to speak with a storage specialist.