



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

Model: SSG-115-1610N | 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 247,808 slides in 352 slide trays across 16 carriers, helping laboratories consolidate slide storage while bringing trays to an ergonomic access counter for organized retrieval.

247,808	16 / 352	71.26 in W x 48.50 in D	98.43 in	5.7 sec
Slide Capacity	Carriers / Trays	Footprint with Workcounter	Overall Height	Avg. Access Time

Product Overview

Product Type	Vertical Carousel Module (Pathology Glass Slide Storage)
Brand	Kardex Remstar
Manufacturer	Kardex
Model Family	Kardex Megamat / Lektriever 115 pathology carousel
Material	Steel carousel frame, carriers, shelves, and slide trays
Finish / Color	Light gray endframes/work counter; silver fir blue panels
Lock / Access Control	Manual bi-parting door with key lock; optional software/security access controls
Primary Applications	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.
Availability	Built to order / project review required
Lead Time	Confirm current lead time during project review
Warranty	Manufacturer warranty; confirm terms during project review
Country of Origin	USA
Assembly / Installation	Professional installation required

Storage Capacity

Carriers	16
Shelf Levels	32
Slide Trays	352
Slide Capacity	247,808
Slides per Tray	704
Trays per Carrier	22
LFI per Carrier	968
Slides per Square Foot with Workcounter	10,325.0

Dimensions & Footprint

Overall Width	71.26 in.
Depth without Workcounter	36.42 in.
Depth with Workcounter	48.50 in.
Overall Height	98.43 in.
Minimum Ceiling Height	99.22 in.
Workcounter / Posting Board Depth	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	5.7 sec.
Empty Unit Weight	2,841 lb.
Fully Loaded Weight	7,577 lb.
Media Weight Fully Loaded	4,736 lb.
Average Floor Load	420.4 lb./sq. ft.
Dynamic Floor Load	568.8 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

Power Requirement	110 Volt / 1-phase / 60 Hz / 16 AMP
Voltage	110 V
Phase	1-phase
Frequency	60 Hz
Amp Draw	16 AMP
Breaker Size	20 amp dedicated circuit; confirm final electrical requirements during project review
Average Power Consumption	1.2 KVA
Maximum Power Consumption	3.0 KVA
Drive Motor	AC gear motor - 1.5 KVA
GFI Circuit Note	Cannot be wired to a GFI circuit
Power Review Needed	Yes

Controls, Safety & Included Features

Control Version	NEW LC24 Control
Keyboard	NEW OP24 Keyboard
Controller Location	Work Counter/Table
Computer Interface Module	Included
Imbalance Detection	Included
Emergency Service Switch	Included
Safety Light Curtain	Included
Touch Bars	Upper and lower touch bars included
E-Stop	Included left and right side of access opening
Manual Handcrank	Included
TUV Label	Included
Base Unit Includes	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

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