



Kardex Remstar Pathology Blood Slide Vertical Carousel Storage System - 23 Carriers, 506 Trays, 356,224 Slide Capacity

Model: SSG-115-2310N | 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 356,224 slides in 506 slide trays across 23 carriers, helping laboratories consolidate slide storage while bringing trays to an ergonomic access counter for organized retrieval.

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|----------------|------------------|--------------------------------|------------------|------------------|
| 356,224 | 23 / 506 | 71.26 in W x 48.50 in D | 133.86 in | 8.2 sec |
| Slide Capacity | Carriers / Trays | Footprint with Workcounter | Overall Height | Avg. Access Time |

Product Overview

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| Product Type | Vertical Carousel Module (Pathology Glass Slide Storage) |
| Brand | Kardex Remstar |
| Manufacturer | Kardex |
| Model Family | Kardex Megamat / Lektrivier 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

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| Carriers | 23 |
| Shelf Levels | 46 |
| Slide Trays | 506 |
| Slide Capacity | 356,224 |
| Slides per Tray | 704 |
| Trays per Carrier | 22 |
| LFI per Carrier | 968 |
| Slides per Square Foot with Workcounter | 14,842.2 |

Dimensions & Footprint

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| Overall Width | 71.26 in. |
| Depth without Workcounter | 36.42 in. |
| Depth with Workcounter | 48.50 in. |
| Overall Height | 133.86 in. |
| Minimum Ceiling Height | 134.65 in. |
| Workcounter / Posting Board Depth | 11.82 in. |

Dimensions & Footprint

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| 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

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| Average Access Time | 8.2 sec. |
| Empty Unit Weight | 3,759 lb. |
| Fully Loaded Weight | 10,429 lb. |
| Media Weight Fully Loaded | 6,670 lb. |
| Average Floor Load | 578.6 lb./sq. ft. |
| Dynamic Floor Load | 783.4 lb./sq. ft. |
| Carrier Capacity | 330 lb. |
| Estimated Carrier Load with Media & Trays | 240.9 lb. |
| Noise Level | 61 dB(A) |

Carrier Configuration

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| 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

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| 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

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| 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

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| 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

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| 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.