



TORONTECH



ONE ROW SLIDE TRAY CABINET

One Row Slide Tray Cabinet - ToronSTC™ 500

One Row Slide Tray Cabinet ToronSTC™ 500 is a compact storage unit designed to organize microscope slides in histology, pathology, and laboratory environments. ToronSTC™ 500 is built around a single cabinet that holds 25 plastic trays, with each tray accommodating 20 slides for a total capacity of 500 slides.

This One Row Slide Tray Cabinet is suited for laboratories that need a simple, mobile, and space-efficient way to store prepared slides before review, archiving, or retrieval. ToronSTC™ 500 built with a wheeled format and tray-based arrangement, which supports easier handling and organized slide separation during routine use.

ToronSTC™ 500 is a practical fit for pathology labs, histology labs, teaching departments, and research settings that want cleaner slide organization without using larger fixed storage furniture.

APPLICATIONS

One Row Slide Tray Cabinet - ToronSTC™ 500 Applications

- Histology and pathology laboratories: a One Row Slide Tray Cabinet is commonly used to store prepared microscope slides in an organized way after staining, coverslipping, and review. ToronSTC™ 500 supports this workflow with tray-based storage that keeps slides grouped and easier to retrieve.
- Teaching and academic laboratories: this cabinet is also suitable for teaching environments where slide sets need to be arranged by subject, batch, or class use. The multi-tray format helps separate samples more clearly for instructional work. This is a workflow-based use inference supported by the cabinet's tray structure and slide capacity.
- Research and archive support: ToronSTC™ 500 fits research and laboratory archive areas where slides need compact storage before long-term filing or repeated access. Its moderate footprint helps support storage in rooms where bench and cabinet space are limited.



FEATURES

One Row Slide Tray Cabinet - ToronSTC™ 500 Key Features

- 500-slide total capacity: ToronSTC™ 500 is designed to hold a total of 500 slides. This capacity comes from 25 plastic trays with 20 slides per tray.
- Multi-tray storage layout: the cabinet uses a tray-based structure rather than a single open compartment. This helps users organize slides in smaller groups for easier sorting and retrieval.
- Compact vertical footprint: with a height of 1100 mm and a footprint of 330 × 390 mm, the cabinet is designed to provide moderate slide capacity without taking up excessive floor space.
- Practical laboratory organization: the tray arrangement is well suited for histology and pathology environments that need orderly slide handling between staining, review, and storage stages. This is a practical workflow interpretation based on the cabinet's format and intended product class.
- Mobile cabinet format: the cabinet on casters, which supports easier movement and repositioning inside the laboratory.

THEORY & METHOD

Theory and Method

A One Row Slide Tray Cabinet works as an organized physical storage system for microscope slides. Instead of storing slides loosely or in mixed containers, the cabinet separates them into trays so they can be grouped by case, date, department, or method, which makes day-to-day access and archive control easier.

ToronSTC™ 500 uses 25 plastic trays, each designed to hold 20 slides. This tray-based method helps maintain order and supports more systematic filing in laboratories that handle repeated slide preparation.

ToronSTC™ 500 also built with a mobile cabinet format with visible tray layers and wheel-mounted support. That design helps users move stored slides more easily within the lab while keeping the slide sets arranged in fixed tray positions.

TECHNICAL SPECIFICATIONS

One Row Slide Tray Cabinet - ToronSTC™ 500 Technical Specification

Parameter	ToronSTC™ 500
Product type	One Row Slide Tray Cabinet
Number of trays	25 plastic trays
Tray capacity	20 slides per tray
Total slide capacity	500 slides
Dimensions	1100 × 330 × 390 mm
Weight	25 kg



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