



PLATE HOTELS

Initially designed on customer request, LiCONiC Plate Hotels have become the most popular workhorses in thousands of applications requiring automated open storage space. In the early 90s, LiCONiC, for the first time, introduced fully automated storage with single plate random access capability.

Today LiCONiC offers the most complete selection of plate hotels that cover all needs of modern laboratory automation. All LiCONiC Plate Hotels support full random access. Unique

flexibility is built into the design. Various options and a vast selection of accessories make each plate hotel configurable to meet any integration's specific needs best.

Designed and built, especially for automation, LiCONiC's Plate Hotels provide full remote operation while maintaining straightforward integration. Many years of experience and close focus on highly specialized technology made LiCONiC's LiCotel-Series plate hotels the market's most trusted choice for automated plate storage solutions.

MAIN FEATURES

- Capacity - from 44 to 880 MTP-equivalent size plates and beyond
- Compact - the smallest footprints in the industry
- Fast - loading times down to 3 seconds
- Multiple configurations – bench-top, stand-alone, under-bench or movable
- Easy integration - 100% software compatible
- LiCONiC's unique True Orbital Shaking from 1-6mm



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AUTOMATED PLATE HOTELS FOR ROBOTIC INTEGRATION



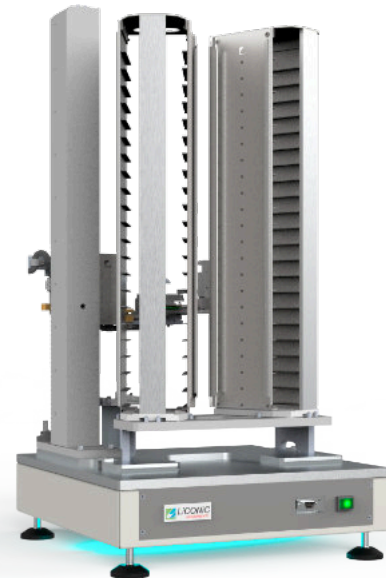
LPX PLATE HOTEL SERIES AND PRODUCT OVERVIEW

LPX Plate Hotels are the classic series of open storage applications. Capacity ranges from 44 to 880 MTP-equivalent locations. These instruments consist of removable cassettes that hold plates during storage and a stationary lift mechanism that handles one plate between the cassettes and the transfer

station. The ability to handle labware from shallow high-density plates to tall tip boxes, combined with great configuration flexibility and a huge variety of accessories and options, make the LPX-Series instruments a true allrounder for open storage applications.



LPX110



LPX44



LPR44



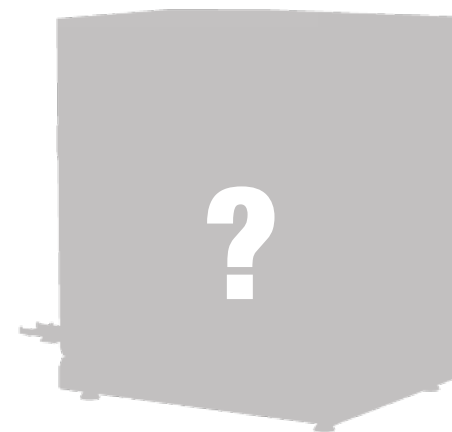
LPR240

LPR-Series

The LPR-Series is designed to make compact workstations without compromising functionality of the LPX-Series. The LPR44 and the LPR240 deliver the sample through the top surface so it can fit under any liquid handler deck or workstation. This will leave ample room on the upper surface for additional equipment and increase any automated workflow's capacity. In addition, the star-like concept will save thousands of dollars by eliminating the need for special transfer stations or special extended robotic arms. These unique features are achieved by adding a second vertical axis that extends the lift above the top of the instrument. With the periscope delivery system, extended grippers or complicated robotic arms become obsolete. The implementation of multiple transfer stations to greatly increase workflow by reducing bottlenecks at the transfer- location has become straightforward through this unique design.

OEM-Series

LiCotel OEM plate hotels make LiCONiC's LiCotel technology available to customers who have a need for larger numbers of instruments over longer periods of time. OEM versions seamlessly match specific applications by adopting any design, color and/or features. OEM Plate Hotel Series are manufactured in large volumes over long periods with frozen design and competitive pricing.

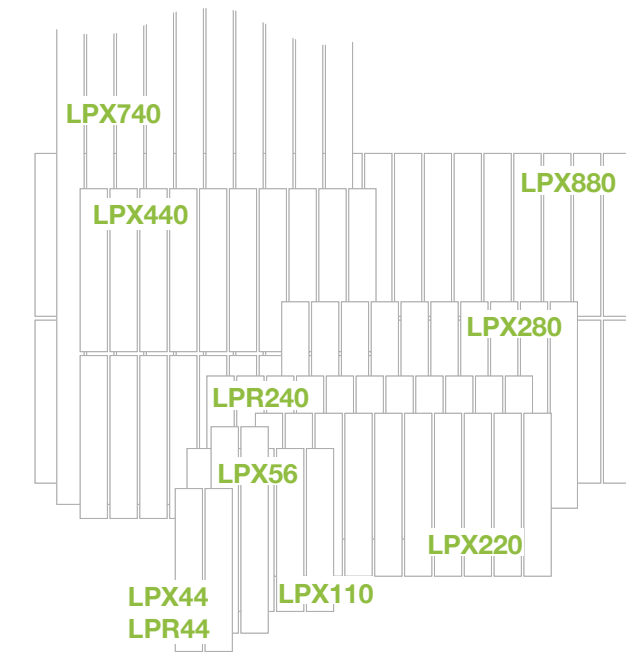


CAPACITIES

Because of the instrument's extreme flexibility, capacity-specifications are normalized to MTP-equivalent size plates assuming a 17mm height that includes the plate plus its lid. Capacities of LiCotel-Series instruments range from tiny 44 to massive 880 MTP-equivalent plates.

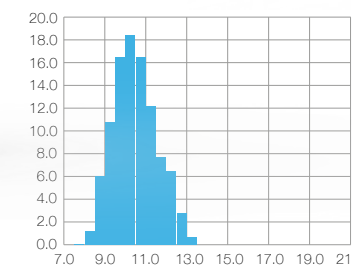


LPX880

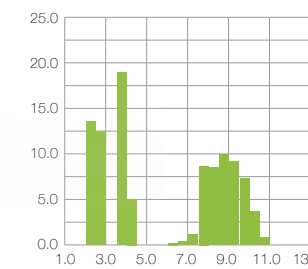


The LiCotel-Series instruments are incredibly fast. In addition to high-speed plate transfer where applicable, intelligence has been added to guarantee safe and gentle plate motion. As a unique feature, speed can be adjusted to specific application's needs.

Plate Ready Times Distribution



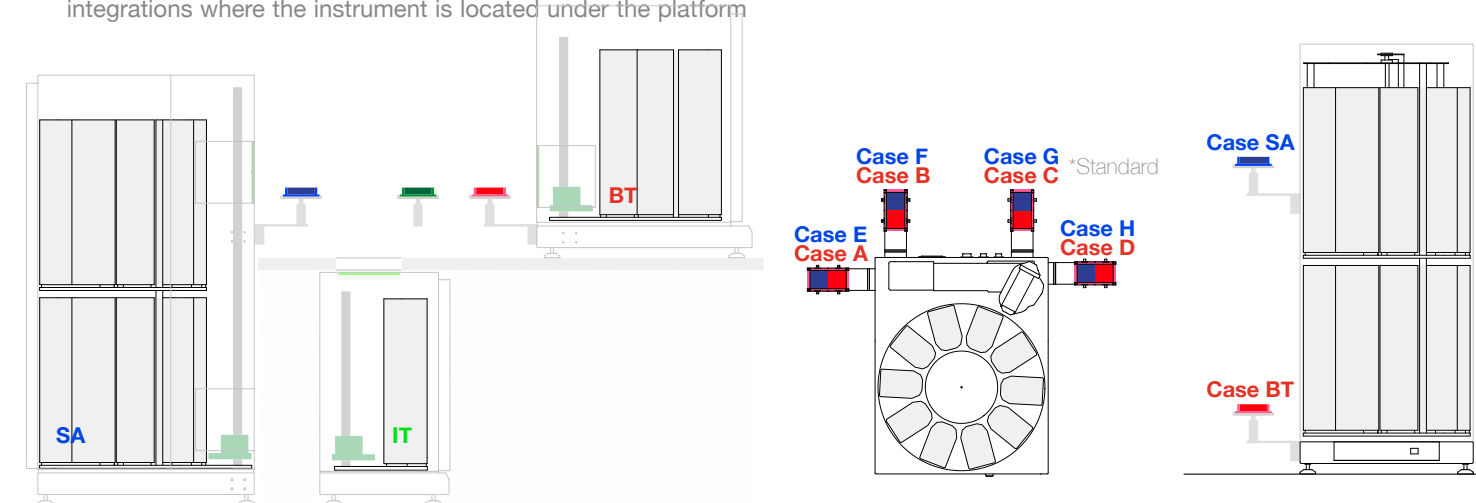
Access Times Distribution



Above plots show typical access times for a LPX110. LiCONiC's PlateReady information allows for even further increase of throughput.

CONFIGURATIONS

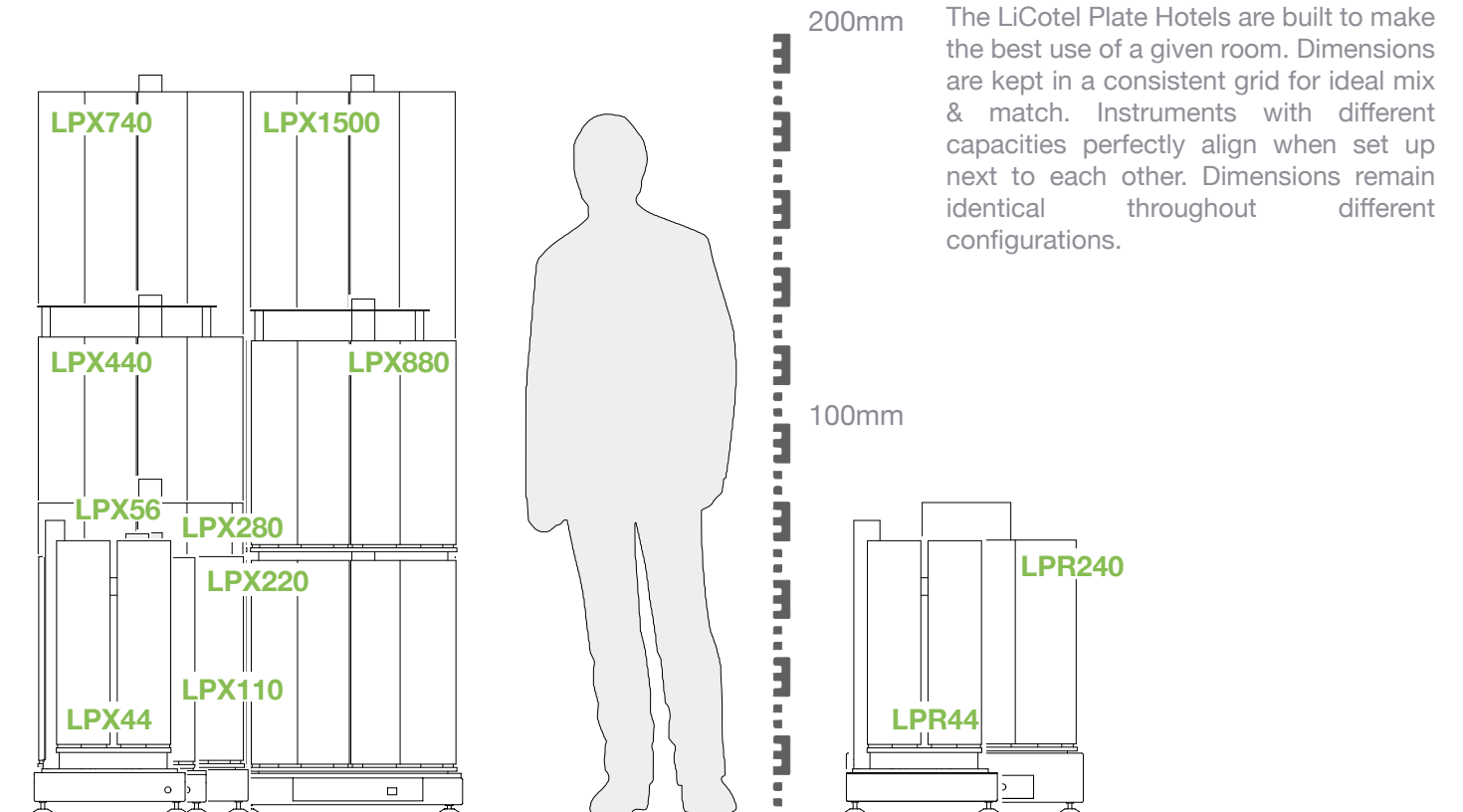
LiCotel Plate Hotels have been designed for integration into fully automated laboratory applications. For seamless integration, maximum flexibility has been implemented in the instrument's system design. Next to the classic bench-top integration, integrations where the instrument stands on the floor or even integrations where the instrument is located under the platform



OPTIONS & ACCESSORIES

- Barcode Reader
- Shaking
- Side Gate
- Plate Presence Sensor
- Petri Dish Capability
- Bioreactor Tube Handling
- iMotion Intelligent Speed Management
- Configurable User Panel Location
- Configurable User Port Location
- Configurable Transfer Height
- Configurable Number of Transfer Ports
- Cassettes
- Swap Station
- Active Alignment Transfer Station
- Slide Station
- Parallel Transfer Station
- Shuttle Transfer Station
- Petri Dish Transfer Station
- Side Access Slide
- Gripper Station
- Bioreactor Tube Rack
- Only LPX**
 - Docking Shuttle
 - Standard Transfer Station
 - Lift Station
 - Turn Transfer Station
 - Table Interface
 - Modular Cascading System
- Only LPR**
 - OEM System Design

DIMENSIONS



The LiCotel Plate Hotels are built to make the best use of a given room. Dimensions are kept in a consistent grid for ideal mix & match. Instruments with different capacities perfectly align when set up next to each other. Dimensions remain identical throughout different configurations.