

Mohawk

Semi-automated tube picker

Features

- Fast and reliable tube picking
- Pick from 48 or 96 SBS racks
- Works with frozen and thawed tubes
- Create picklists in Excel®, csv, text, xml or json
- 1D scanner for rack barcode included as standard



The Mohawk Semi-Automatic Tube Selector enables you to pick individual or groups of tubes directly from 48- or 96-well racks with ease. Trying to extract a single tube from a rack can be difficult and doing so manually can lead to positional errors. By using software to control 96 individual solenoids, the Mohawk can lift one, two or up to sixteen individual tubes at a time, making it easy to remove them from the rack and place in a subsidiary rack or other tube device.

The pins to be selected can be set in a 'pick list' which can be generated manually from the on-screen graphical representation of the Mohawk deck or from an Excel spreadsheet. The Excel file can also be created manually or imported from the FreezerPro® inventory management system or from your LIMS or another sample tracking programme that can export Excel format files. The picklist can even include tubes that are contained

in multiple racks. The integrated 1D barcode reader identifies individual racks and the system software then uses this ID to look up the pre-defined picklist. This reduces the risks of the wrong tubes being selected during picking.

The Mohawk works out of the box and needs no set up or calibration. In Automatic mode, The Mohawk allows for operation with minimal interaction of the control PC, while in Worklist mode, a file that describes the tubes that are to be selected is used to control the pins. It can be in Excel, csv, text, xml or json format. The Mohawk works with both frozen and thawed tubes. It can work in combination with a Ziath Mirage, Express or Cube reader to automatically create pick lists and then verify the contents of the subsidiary (or Daughter) racks and re-upload their new positions to FreezerPro® or to your LIMS via an Excel file.

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Specifications

- Dimensions = 300 mm x 250 mm x 180 mm (WxDxH)
- Total Weight = 5.7 kg
- Power adaptor input = 110-220V AC +/- 10V
- Power adaptor output = 12V DC, 5A
- Picklist import file formats are Excel, text, csv, json and xml
- Operating system on host PC = Windows® 10, 11
- Compatible with 48 and 96 position SBS racks



Included with the Cube

- Mohawk tube picker instrument
- Power adaptor, power cable
- Mohawk software and license
- 1D rack code scanner and bracket
- User guide

Ordering information

Code	Description
ZTS-MHK-48	Ziath Mohawk Tube Picker 48 position
ZTS-MHK-96	Ziath Mohawk Tube Picker 96 position
ZTS-MHK-LOW	Low Profile Tube Rack Adaptor for Mohawk (if using tubes 0.5 ml or less)



View the Mohawk product page on our website