IQ-Star

Stacking and Distribution System of Job Trays

The OptoTech IQ-Star is the ideal solution for simple, low cost, space saving and intelligent LAB automation, which links the storage and distribution of job trays in an intelligent manner.

Technical Data

	IQ-Star
Application	Intelligent storage and distribution system
Control	Beckhoff
Host Interface	TCP/IP RJ45
Turning Axis Speed	45°/s
Vertical Axis Speed	290 mm/s
Productivity	up to 218 jobs (depending on job tray type)
Tray Type	Standard job trays 219 x 259 mm
Air Pressure Requirement	5 bar
Power Requirement (others on request)	0,6 kVA / 220-240 V / 50/60 Hz
Dimensions	Width: 1210 mm, Height: 2072 mm, Depth: 1161 mm
Weight (approx.)	512 kg
Disclaimer	All data are subject to change without notice. Please verify details with OptoTech.

Highlights

- 8 sectors arranged in a star shape can be used as depots for your job trays. In every sector, up to 7 incoming or outcoming conveyor belts can be installed. This results in thousands of possible configurations and offers you a maximum in flexibility for planning your LAB automation.
- Up to 218 job trays can be stored and distributed in the IQ-Star:
  Basic version can store up to 92 standard job trays
  Extended version can store up to 120 standard job trays or up to 218 narrow job trays (254 x 129 mm)
- With the use of the IQ-Star, you can do away with long conveyor belts, which means not only a huge saving of space in your lab, but also a better accessibility and greatly reduces the noise level in the lab

System Advantages

- Fits for all Lab sizes and links the storage and distribution of job trays
- Very easy to use due to touch screen
- Intelligent storage and distribution system for maximum lab productivity

Options

- The optional IQ-Star Server offers a simple and intelligent solution for easily connecting multiple IQ-Star and for all complex automation tasks