OptoTech

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.

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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	106 jobs at 100mm shelf distance 76 jobs at 140mm shelf distance 60 jobs at 180mm shelf distance
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 106 job trays can be stored and distributed in the IQ-Star
- 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