



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.



## 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 outgoing 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