Case Study

Controlled Environment



kardex remstar



Case at a glance

How we took our customer from task to solution

Merck is a leading science and technology company in the pharmaceutical and chemical industry. Merck KGaA requested help with their newly constructed research center in Germany. They wanted to access cool and deep-freeze storage from a room temperature area. Kardex customized a controlled-environment storage solution with a hatch unit in front of an access opening.

Customized solutions

Customer and task

Our customer Merck is committed to changing the world through specialized products in the healthcare field.

substances under special storage required access to the refrigerated controlled storage conditions.

Saved 66% floor space

Improved ergonomics

Solution

Kardex implemented a customized solution including three standard Vertical Lift Module conditions. Metal sheets on the Kardex pointers and position indicators show an item's exact position and identify the in the event of a fault, a redundant colling The air is dehumidified by a drying device to prevent humidity from condensing and icing

It is now easier to access the stored goods and the Kardex Shuttles are clad in insultation air-conditioned units directly from a room



Created cool and deep-freeze areas



Scope of delivery



3 Kardex Shuttles with thermally decoupled automatic tray extension W: 3,650 mm | D: 813 mm | H: 7,950 mm



Kardex Power Pick System warehouse management software laser pointer



3 cooling systems (including redundancy system) drying technology