



ISM400 Intelligent Storage Management System



CHARACTERISTICS

Up to 480 configurable positions (minimum position dimensions: 34 x 620 x 130 mm / width x depth x height)
It is possible to manage multiple items in each position (example: up to 9 reels 7" H=8mm ; total capacity 3600 reels 7" H=8mm)

VERSION

- | | |
|---------------------------|--|
| ISM400 STANDARD: | - 6 shelves: *80 positions for 7" reels, tubes, JEDEC trays, etc..
*160 positions for 7/13/15" reels, tubes, JEDEC trays, etc.. |
| ISM400 8 SHELVES: | - 8 shelves: *240 positions for 7" reels, tubes, JEDEC trays, etc..
*80 positions for 7/13/15" reels, tubes, JEDEC trays, etc.. |
| ISM400 10 SHELVES: | - 10 shelves: *400 positions for 7" reels, tubes, JEDEC trays, etc.. |
| ISM400 12 SHELVES: | - 12 shelves: *80 positions for 7" reels, tubes, JEDEC trays, etc..
*400 positions for tubes, JEDEC trays, etc.. |

TECHNICAL DATA

- | | |
|--------------------|--|
| Dimensions: | 1550 x 810 x 2220 mm / width x depth x height
1550 x 900 x 2220 mm (with Humidity Control Unit) |
| Weight: | 350-670kg (depending on configuration) |
| Power supply: | 110V - 230V ; 50/60 Hz |
| Power consumption: | *max. 0,2 KWh
*max. 0,6 KWh with Humidity Control Unit |



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KEEPING YOUR COMPONENTS SAFE



ISM400 Intelligent Storage Management System



The **ISM400 Stronghold** has been developed to support the storage needs of the most varied types of components. Capable of supporting up to 480 configurable positions, the ISM400 Stronghold can take 7/13/15" reels, JEDEC trays, MST and PTH tubes, screen printing frames and foils, printed circuits, PTH components and more! Equipped with luminous LED signals, the Stronghold will indicate the position of components to be extracted and by reading the code of the scanner will prevent the incorrect removal of components. For insertion of material, the operator has to simply read the code to be inserted and the system will give the position. The operator will still have the option of inserting the material in a different position if he or she so desires. By this way, the Stronghold offers a dynamic management of the positions so as to take advantage of the available space to reach a maximum capacity. The Stronghold supports an optional humidity control module that makes it possible to control and monitor humidity and maintain an internal environment with humidity of less than 5%. This makes it possible to store all sensitive components safely and using the software interface the life of each component can be monitored in terms of humidity. The Stronghold will trace all movements of the component and automatically calculate the exposure time beyond the set limits while notifying the operator and blocking the component if the maximum limit has been exceeded. It can also be equipped with electronic locks to allow only authorized persons access to components stored inside.



Red LED on (to extract)



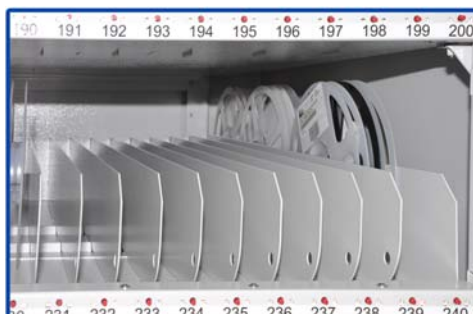
Green LED on (confirmation of completed extraction)



Possibility of managing the internal material (tubes, trays, frames, ecc...)



Possibility of managing the internal material (reel 13")



Possibility of managing the internal material (reel 7")



Possibility of managing the internal separators



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