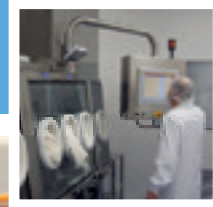




## Nicomac ISOLATION TECHNOLOGY



# NICOMAC ISOLATION TECHNOLOGY

OVER 30 YEARS' EXPERIENCE in the design and manufacturing of advanced engineering systems and equipment for solid dosage allows Nicomac to develop and design innovative Isolators with exclusive and modern solution for the pharmaceutical market. Our experienced engineers have integrated Nicomac equipment in high-tech isolators for oral Drug Products with highly potent compounds such as hormones, hormone blockers, cytotoxic oncological products up to level OEB5. Our fully-contained system provides equipment for granulation, drying, compression and tablet coating for high-volume batch up to OEB3 level as well as state-of-the-art isolators designed for flexible use in smaller batch sizes up to level OEB5.



## CONTAINMENT CLASSIFICATION



**COMPACT DESIGN – INNOVATION – HIGH FINISH –  
PLC-PC SYSTEM ABLE TO CONTROL THE ENTIRE LINE  
WITH GAMP5 SOFTWARE CFR21 PART 11 COMPLIANT**



## EXCLUSIVE BENEFITS OF NICOMAC ISOLATOR FOR A HIGH POTENCY GRANULATION LINE, DISPENSING, QUALITY CONTROL

With Nicomac isolators, all finishing tool paths are optimized to ensure the highest level of performance to get rounded edges, smoothed corner and finished with high standard. Nicomac Isolators have unique design and a high quality finish.

Nicomac also takes care of ergonomic and clean design. All cables, piping, pistons and safety devices are hidden inside the framework.

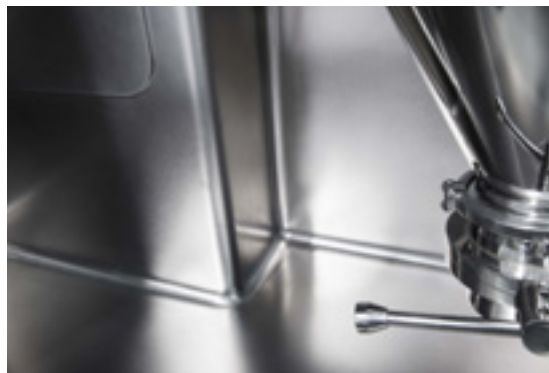
The access doors from granulation chamber to the pre-chamber and washing room have an easy and ergonomic opening.

The pre-chamber and granulation chamber is made with an automatic vertical sliding motion with a zeroing weight system.



An easy, automatic, ergonomic opening with less space required. "Hidden" laser sensors are used to check the arm presence inside the glove.

A "hidden" LED lighting system is mounted on the perimeter of the access door. "Hidden" infrared safety sensors (to prevent crushing injury to hand) are mounted on the front sliding door.





The elimination of visible cables, tubes, hinges decrease the risk of possible contamination. These benefits are created by inserting all the kinematic mechanisms and the functional and safety sensors inside the framework of isolators and door system.



A completely tight Coater LAB30 under isolator with prechamber for loading tablets. Automatic process with automatic unloading system. WIP system. PLC-PC control system.

Tablet Press under isolator ranging from 4 to 20 stations. WIP system. Since the closed system, with its own cleaning and filtering equipment is implemented as a total solution, combining maximum efficiency through fast product change over with maximum safety achieved through extremely low OEL.



**THE NICOMAC TEAM SUPPLIES ALL VALIDATION SERVICES:  
DQ – IQ – OQ – PQ**

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