TECHNOLOGY FOR CONTAMINATION CONTROL

ISOLADOR - ISL

ASSÉPTICA
REINTECH

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FT-2025-r0

Isolators are equipaments that creates and controlled and hermetical enviroment for sterile and high contention areas. They minimize cross contamination during the process, granting and asseptical and safe room for production. The Isolater constructive technique follows integrally the concepts defined by the Good Manufacturing Practices (GMP), norms wich stabilished guidelines, procedures to secure quality, safe and efficiency of the products of the Pharmaceutical industries.

STRUCTURE	Not visible and tubular in AISI 304 stainless steel Internal/external AISI 304 stainless steel trimmings Total respect to the clean concept Monoblock equipment Totally incorporated technical areas Total maintenance acces through the front
DOORS	Laminated and tempered 10 mm glass AISI 304 stainless steel hinges AISI 304 stainless steel Doorpuller AISI 304 stainlesss teel hidraulic buffer Inflatable silicone joints for thightening ensurance Integrated glove support of 10" 02 nitrilic gloves special for isolaters
AIR TREATMENT Vide CTS and DBT folder	Interal AISI 304 stainles steel solded duct network - Exaustion duct limited to the equipment Incorporated electronic fan for insufflement and exaustion Bubble Tight Dampers – DBT in stainless steel motorized for insufflement, exaustion and by-pass Solenoid valve set for internal pressure relief system Internal and autonomous Grade A unidirecetional airflow consisting of: - Electronic recirculation fan - Solded stainless steel ducts - Filter HEPA system type "bag in bag out" CTS - AISI 304 stainless steel equalizing screen Capsule filter 0,22 µm for internal pressure blindagem reference
AUTOMATION	Electric protection and command panel incorporated – NR 10 Industrial PLC -ETHERNET CFR 21 Par 11 compliance IHM 10" with command and graphics process – CFR21 Part 11 Internal temperature, pressure and relative umidity sensors Filter HEPA pressostat (3x) Inflatable joint pressostat (1x) Emergency button pressostat Insufflement airflow pressostat Constant airflow sensor for insufflement VHP high and low concentrations indicator sensors mounted in skid with shielding solenoids Charge cells for hydrogen peroxyde volumeVisual and audible alarms Pressure sensor for glove test
ACCESSORIES	VHP Generation system consisted of: - AISI 304 stainless steel reservoir - Atomizer nozzle - atomizer chamber - difuser tubes- perfured screen for air measurement by the room Triclamp 3" exaustion ducts Special closures doorlocks Technical area with articulated and rotating doors Incorporated drainage with solenoid valves Triclamp point for: - particle counter probe - special water - washing systemIncorporated gloves tightening test dispositive

OPCIONALS

Integrated Pass Through with VHP deinfectation cicles and transference sliding support
Modules with 3 or 4 glovesSterlie gloves sizes: 5", 6", 10" or 12"
Gloves support (rounded) sizes: 5", 6", 10" or 12"
Gloves support (oval) sizes: 5", 6", 10" or 12"
AISI 304 stainless steel articulated external arm
External peroxyde sensor
VHP cicle for Pass Through
Integrated particle counter
Integrated nobreak
Thermical printer
Alpha beta dor.
AISI 304 stainless steel shelves
Nitrogen cilindreCIP/WIP system
Mockup in marine plywood

NOTE: CONTACT OUR COMMERCIAL TEAM FOR SPECIAL SOLUTIONS.