



CLEANLINESS CABINET CC3A ADVANCED

**THE REVOLUTION IN COMPONENT
CLEANLINESS ANALYSES**



AUTOMATIC



Cleanliness Cabinet CC3A ADVANCED



The new system that allows the analyses, and not only the extraction, of contaminants according to the European standards for component cleanliness analyses.

Sole machine in the world able to release a report cleanliness analyses, it incorporates a membrane drying system and an optical microscope to analyze the gathered solid particulate.

FUNCTIONAL FEATURES

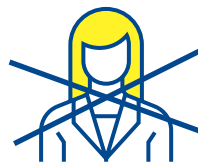
- Installed everywhere even as **end-of-line machine**
- Minimum operator intervention** and analyses subjectivity
- No contamination of membrane** due to handling
- No extra cost** for a cleanroom lab or skilled personnel
- Carrying out **tests comparable** with those of customers
- Carrying out **repeatable tests** due to measurable and storable parameters



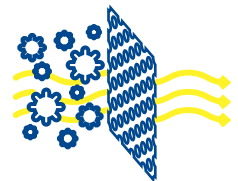
NO
EXTRA COST



NO LAB



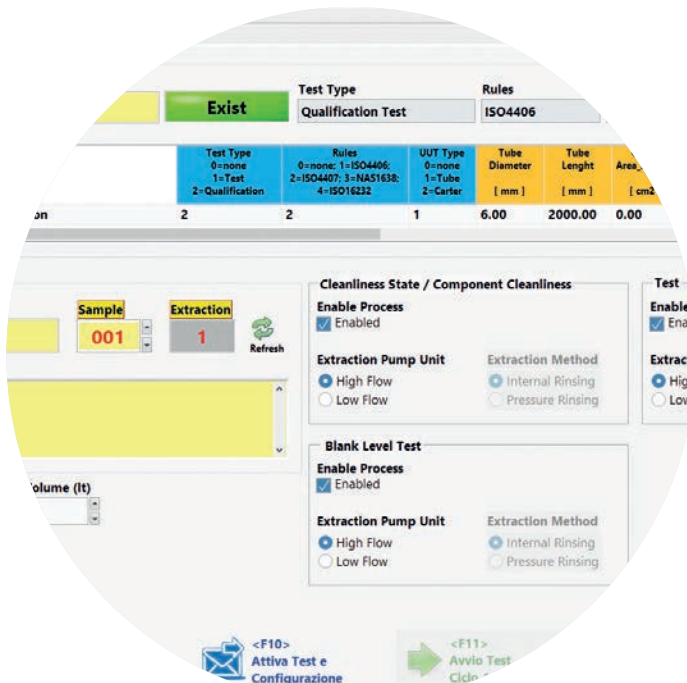
NO QUALIFIED
PERSONNEL
NEEDED



NO LONGER
CONTAMINATION
OF MEMBRANE

Product configuration

	CC3A	R	A	A
MODEL CC3A = Cleanliness Cabinet Advanced				
EXTRACTION METHOD R = rinsing F = flushing + rinsing				
POWER SUPPLY A = 380 V, 50 Hz, 3 Ph B = 480V 60 Hz C = Other voltage upon request				
OTHER ACCESORIES A = fluid heater B = test component emptying system (only for units equipped with flushing + rinsing)				



Management software by Oilsafe



Dual extraction by pressure rinse and internal rinse

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TECHNICAL FEATURES

- Full automatic analyses cycle included **qualification** and **blank test**
- Built-in optical microscope** with ISO16232/VDA19 certification
- Extremely fast built-in **infrared lamp** for drying
- Acquisition data system with **built-in PC** and release of analyses certificate
- Software for **test recipe setting**
- Dual extraction system by **pressure rinse** and **internal rinse**
- Control of on / off and proportional built-in valves** in assembled products or of valves required for an effective extraction of contaminant
- Test of even complex **assembled components** like tubes, integrated manifold, pumps, motors and directional valves



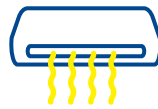
Optical certified microscope



Electric connections for valves control



BUILT-IN OPTICAL MICROSCOPE FOR PARTICLES FROM 4 μm AND UP



BIOHAZARD LAMINAR HOOD WITH DOUBLE FILTER HEPA 0,3 μm



INFRARED LAMP FOR DRYING



DATA ACQUISITION AND AUTOMATIC REPORT RELEASE



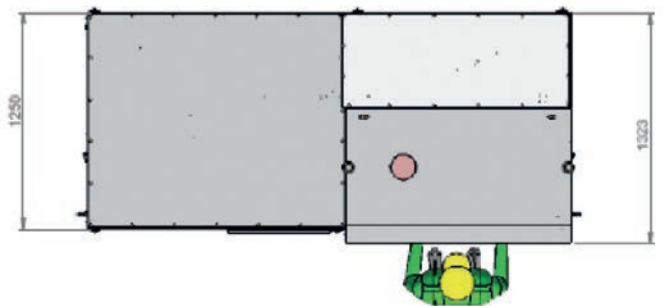
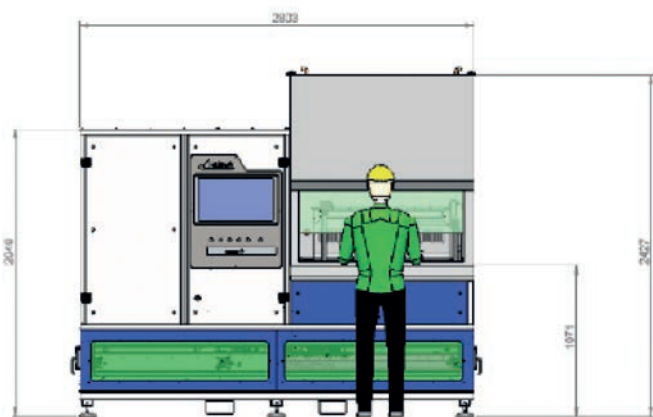
CONTROL BOARD FOR HYDRAULIC VALVES



DUAL EXTRACTION SYSTEM

Technical specifications

Dimensions	3000x1400x2400 mm
Working area	800x400x400 mm
Weight	1800 kg (2500 kg with double extraction system)
Enclosure	304 L stainless steel enclosure with super mirror finishing
Power supply	380 V 50 Hz
PLC	Siemens
Power	0,75 kW (11 kW with internal rinse)
Stainless steel tank	200 L (version with internal rinse)
Flushing max flow rate	> 100 l/min
Max pressure	6 bar (40 bar with internal rinse)
Fluid viscosity	2-3 cSt
Filtration level	3 – 1 µm
Heater	Optional for fluid temperature up to 60°C
Enclosure emptying	With dedicated pump
Number of electrical connections	4 (2on/off + 2 proportional)
Optical microscope	Integrated
Membrane drying system	Integrated infrared
Membranes at the same time	Maximum 8




OilSafe makes your projects come true since 1995

 **2021*** CLEANLINESS CABINET launch

 **2020** New shed

 **2019** Strengthening of the workforce

 **2018*** OilSafe wins the European Community Horizon 2020 call for SMES innovation

 **2013** Doubling of the plant and company staff because of the growth of the test benches sector

 **2011** Creation of the two divisions: Maintenance and Test benches

 **2008** Moving to the building in Via A. Toscanini 209, Modena

 **2005** Extension of activities to predictive maintenance

 **2001** End of Joint Venture and share repurchase

 **1998** Joint Venture OilSafe – FluidTecnica/Argo GmbH

 **1995** OilSafe foundation



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