

Minos 110

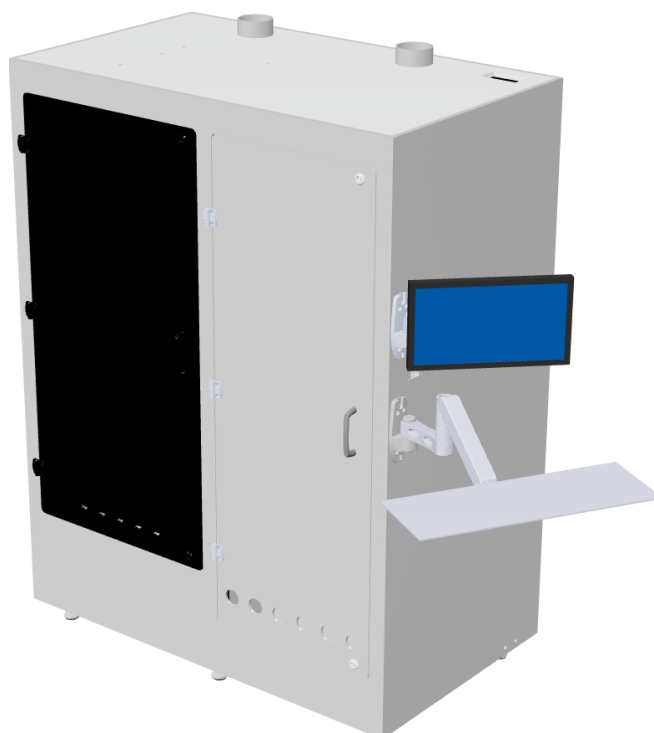
Chemical mixing system for semiconductor manufacturing

Minos mixes chemistry exactly when the process needs it: SC1 and SC2, with further media available on request. The solution is dosed under control, mixed to a defined ratio and delivered straight to the point of use. The sequence stays closed and traceable: feed, dose, mix, verify.

CONFIGURATION MINOS 110

1 mixing module · 1 tank · 1 ring

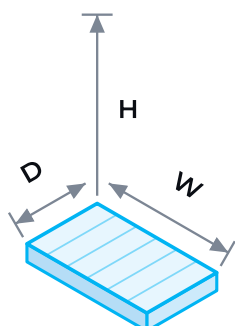
A constant supply that keeps moving: the tank buffers the mixed chemistry, the ring carries it out from Minos to the tools and back again so it cannot evaporate. Supply comes either through the facility connection or from canisters.



TECHNICAL DATA OF THE SERIES

Throughput	1 to 11,500 litres per day
Mixing range	1:1:1 to 100:1:1, up to 3 liquids at once
Measuring accuracy	±0.1 %, depending on the chemicals
Relative pressure	4.5 bar
Media	SC1 and SC2, further media on request
Monitoring	inline concentration measurement, trend monitoring, alarms
Automation	recipe, cleaning, recirculation and drain cycles run on their own
Availability	redundant layout of critical components possible, including UPS
Control	integrated IPC with recipe management and documentation
Interfaces	Ethernet, EtherCAT, SECS/GEM, API, digital I/O
Environment	cleanroom up to and including ISO 5, 24/7 duty

FOOTPRINT



MODEL	MIXING MODULE	TANK	RING	FACILITY CONNECTION	CANISTER
Minos 110	1	1	1	✓	✓
FUNCTIONAL PRINCIPLE					
					
1.40 m	0.82 m	1.91 m			
Width	Depth	Height			

Footprint excludes cantilevered attachments (monitor arm, keyboard tray).