

Minos 220

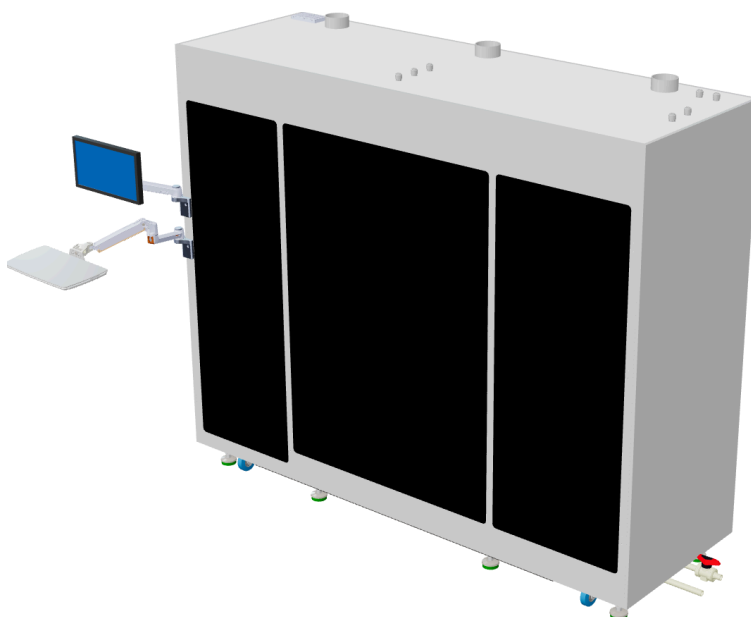
Chemical mixing system for semiconductor manufacturing

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 220

2 mixing modules · 2 tanks · 2 rings

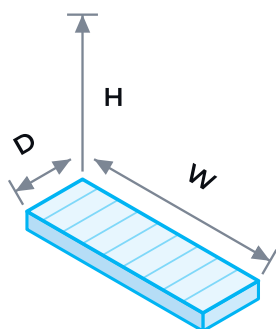
The full expansion stage of the series: mixing is redundant, and the two rings feed either two systems or one system with full backup, at up to 11,500 litres a day per ring. Run separately, each ring can carry its own concentration if desired. The media arrive through the facility connection.



TECHNICAL DATA OF THE SERIES

Throughput	1 to 11,500 litres per day per ring
Mixing range	1:1 to 100:1, 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 MODULES	TANKS	RINGS	FACILITY CONNECTION	CANISTER
Minos 220	2	2	2	✓	✗
FUNCTIONAL PRINCIPLE					
					
2.59 m	0.82 m	2.10 m			
Width	Depth	Height			

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