

Mechatronics CO₂ Incubator *SCALE* SERIES

◆ Incubator with high reliability transfer robot!

- No trouble with robot due to complete isolation of driving section from culture environment!
- Stable cultivation achieved without concern of contamination and vibration from driving section!

◆ System design considering maintainability

- Easy detachable carousel turntable due to magnet coupling
No tool required!
- Complete flat inside after removing table for easy cleaning

◆ Complete sterilization by 125°C dry heat sterilizer!

- Automatic, complete dry sterilization by sterilization mode selection in touch screen
- Sterilization ability is evaluated based on BI(SGMStrip 9372) by MERCK

◆ Integration with various system!

- Integration with various systems is available by built-in PC and RS232C/LAN communication



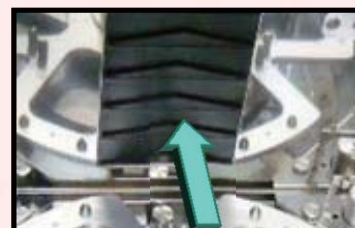
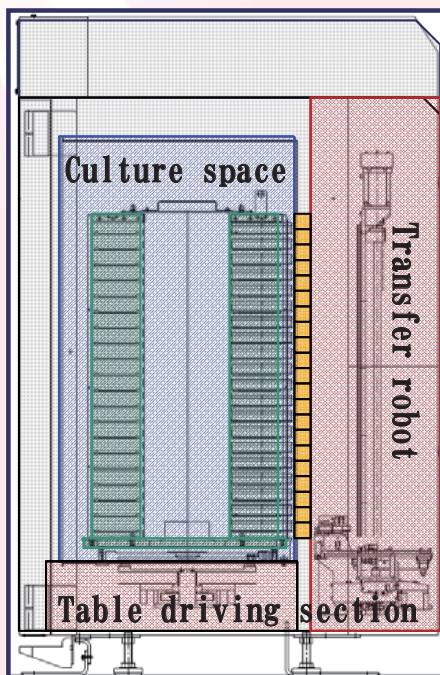
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No need to fill water for 2 weeks due to large water supply bottle



Service port is provided in door



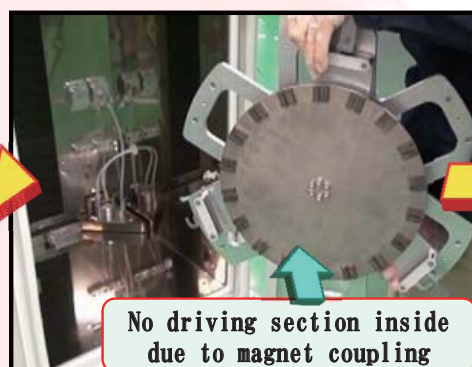
No affect on environment due to shutter for robot access which minimizes opening at access



Transfer robot located outside culture space



Easy batch set by light plate rack



No driving section inside due to magnet coupling



Complete flat

SCALE120 Specification

Storage plate (shallow plate)	120 (20 x 6 racks)
Size	W620 x D888 x H1470
Volume / Weight	230L / 250kg
Heating method	Direct heater
Temperature adjustment	PID control
Power	100VAC 15A
Remote control	RS232C or LAN
Display function	Stored plate status Real time environment status

Preset temperature	Preset TEMP for culture	Ambient temperature +7°C~50°C
	TEMP accuracy	37±0.5°C
	Sterilization	125°C or above
Humidity		90% or above
CO2		0~20%
N2 for low oxygen(option)		Up to1% (oxygen density)
Start -up time	25°C to 36.5°C	Within 2H
	25°C to 125°C	Within 3H
Interlock		Door lock at sterilization

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