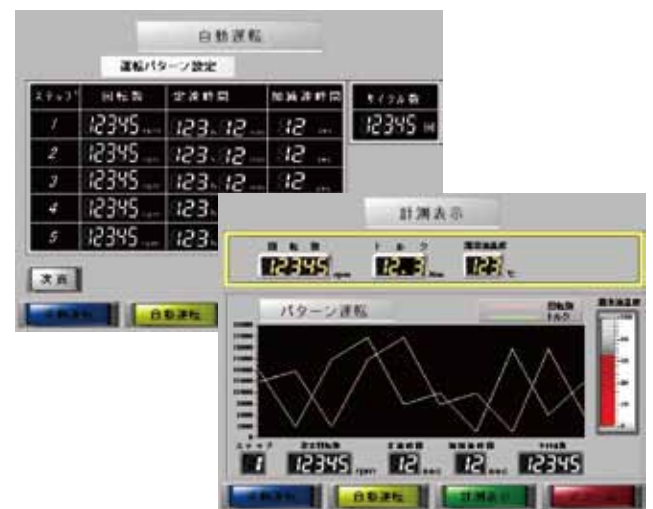


# MED-10 Motor Generator Electric Drive Test Stand

For Research and Development of H E V, E V and F C V

- 1 Power Running/Regeneration
- 2 Continuous/Automatic/High Acceleration and Deceleration
- 3 Integrated Control System is feasible. (Option)
- 4 Cryogenic Heat Test is feasible. (Option)



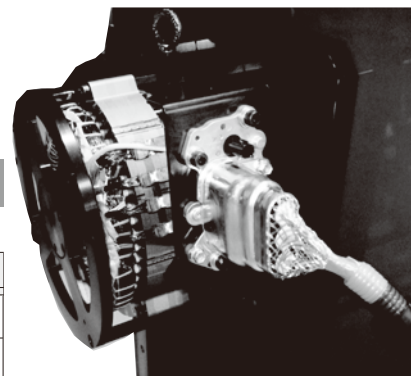
Planetary Gear Box

## Test

Test Piece : Motor Generator for HEV, EV and FCV

Operation : Continuous Operating of High Acceleration and Deceleration  
Automatic Operation,  
Continuous Fixed Rate Rotation

Load : Power Running / Regeneration

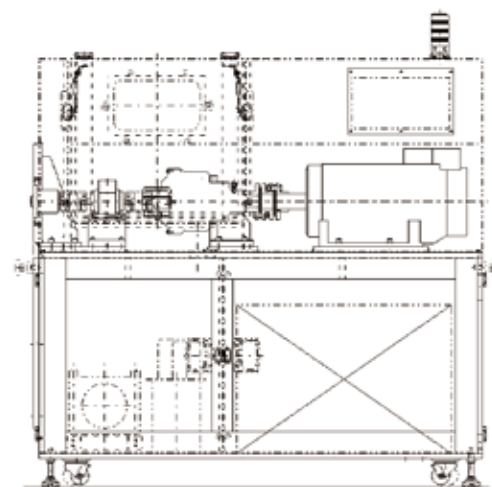
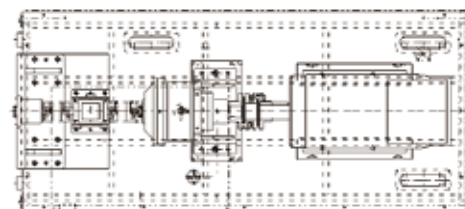
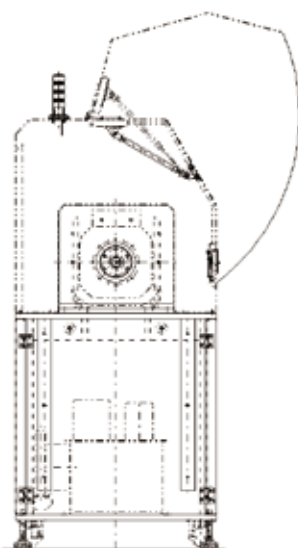
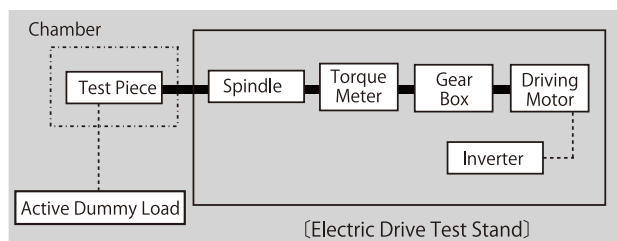


## Spec.

	Standard	Option
Driving Motor	27kW	55kW
Revolutions	0~25,000rpm	0~25,000rpm
Acceleration	1~10,000rpm/sec	1~10,000rpm/sec
Torque Accuracy	0.1%F.S.	0.1%F.S.
Operation	Continuous / Automatic / High Acceleration and Deceleration	
Measurement	Revolutions / Load Torque / Temperature / Vibration	
Data Acquisition	Data Logge	PC
Temperature(option)	Room Temp. to 100°C±5°C	-40 to 160°C±5°C
Size	L1,600×D700×H1,500mm	L1,800×D1,000×H1,500mm
Power Supply	AC 200V 3-phase	AC 200V 3-phase

- We would take requests as much as we can.
- LabVIEW is feasible. (LabVIEW is a trademark of NI.)

## Component Layout



Agency

**Space  
creation**

Space Creation Co.,Ltd.

1341-1 Zora-cho, Minami-ku, Hamamatsu-shi,  
Shizuoka-ken, 432-8062, Japan  
TEL : +81-53-447-2755 FAX : +81-53-447-2833  
E-mail : general@spacecreation.co.jp  
URL : <http://www.spacecreation.co.jp>