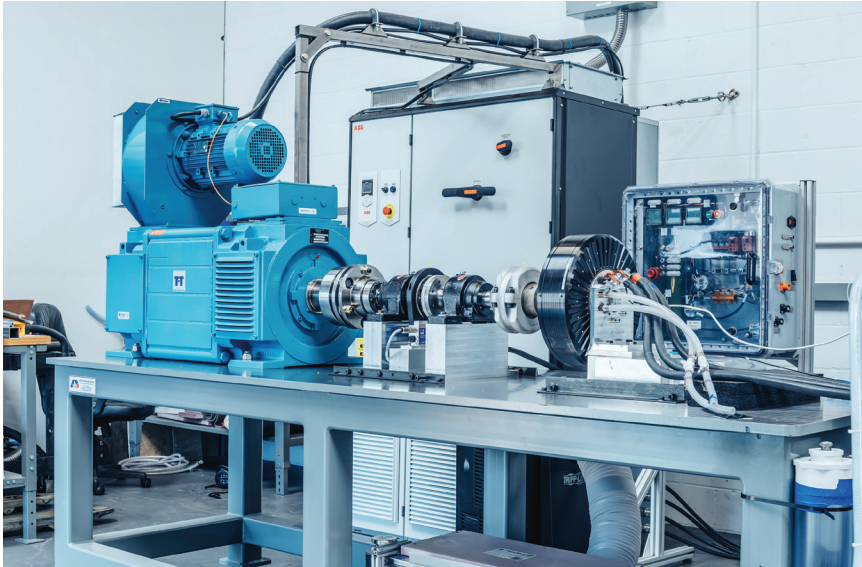


EDS300

Dynamometer



ORIGINALLY DESIGNED FOR THE DEVELOPMENT OF THE X-57 MAXWELL, this dynamometer is uniquely capable of characterization of hybrid and electric drivetrains for aircraft certification. The EDS300 is a stand-alone system essential for Advanced Air Mobility development. The EDS300 system also regenerates power from the test article, significantly reducing facility needs and the energy consumed during testing.

KEY FEATURES

- 4-quadrant Regenerative Operation
- Liquid Cooled Brake Motor
- Integrated Calorimeter
- Custom Test Software
- Emergency Stop
- Precharger

SPECIFICATIONS

- Dimensions 25' x 12' x 7', 7.7m x 3.7m x 2.1m
- Temperature 32 Channels via Ethernet
- Pressure Optional
- Air Flow Optional
- Absorber Type AC Induction with Active Power Regeneration
- Maximum Speed 5,500 RPM
- Power Capacity 442 hp, 330kW
- Drive Maximum Torque Rating 738 lb.-ft, 1000 Nm
- Vibrations Accelerometer 100g
- Power Data Acquisition 2MS/s



< NASA X-57 MAXWELL

**THE EDS300 IS A STAND-ALONE SYSTEM ESSENTIAL FOR
ADVANCED AIR MOBILITY DEVELOPMENT.**

CORECOMPETENCIES

01

EFFICIENT AND SUSTAINABLE ELECTRIC AIRCRAFT TECHNOLOGY FOR
ADVANCED AIR MOBILITY AND UNMANNED AIRCRAFT SYSTEMS

02

AS9100 CERTIFIED DESIGN-FOR-X FOR ADVANCED AIR MOBILITY
AND UNMANNED AIRCRAFT SYSTEMS



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FOR MORE INFORMATION

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