

Product Name :
Servo Machine Test stand for machines include control software

Product Code :
NEC-18-06-18-0056



Description :

Servo Machine Test stand for machines include control software

Technical Specification :

Servo Drive Control Unit Minimum Technical Specifications

- Dynamic and Static four-quadrant operation
- Manual and Automatic Operation Using Computer
- Built-in USB interface
- Torque control operating mode
- Speed control operating mode
- Flywheel operating mode

Lifting drive operating mode

- Roller/calendar operating mode
- Fan operating mode
- Winding gear operating mode
- Compressor operating mode
- Arbitrary time-dependent load operating mode
- Operating mode should support manual and automatic synchronization
- Integrated isolated measuring amplifier for voltage and current measurements
- Integrated Display of speed and torque
- Integrated Four-quadrant monitor
- Thermal monitoring of Machine under test
- Check for presence of shaft Protective Cover
- Maximum speed: 4000rpm or Higher
- Maximum torque 10Nm at least

Servo Drive Control Software Minimum Technical Specifications: -

Recording characteristics of machines

- Recording of variables over time
- determining dynamic and static operating points
- emulates different loads
- Measurement, calculation and display of mechanical and electrical variables :(Speed torque, mechanical power output, current, voltage, active, apparent and reactive power, efficiency, power factor)
- Simultaneous display of measured and calculated values ? Measurement of voltage and current (including RMS values).
- Speed or torque-controlled operation
- Programming of limiting values of speed or torque to prevent inappropriate loading of the machine under test.
- Operation in all four quadrants (display of generated torque)

- Arbitrarily defined ramp functions for PC-controlled load experiments
- Display of characteristics from several experiments to better illustrate the effect of parameter changes
- Export of graphics and measurements to Excel sheet file.

Electrical and Electronics

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