

About

Main Rotor Actuator Test Rig

The Neometrix Engineering series No. 0800 Test rig is meant for testing, adjustment and Checking of various performance parameters of MRA-Main Rotor Actuators (Pitch, Role & Collective) AND TRA-Tail Rotor Actuator of LCH. This rig performs following functions and tests on the actuators.



Neometrix Defence Limited

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Specification

- Regulated DC Power Supply : Input voltage : $230 \pm 10\%$, 1- \emptyset , 50 Hz
Output: 0-32 V DC, 10 A
- DeskJet Printer
- Monitor : 15" TFT
- PC : P-4
- UPS : 500 VA
- Toggle Switch : SPST 10A
- Lamp : 27 V
- Relay : 27 V, 2 NO, 2NC
- Voltmeter indicator (With calibration certificate) : Range: 0-50 VDC No. of digit: 4½ digit
Type: Digital Panel meter Input: 4-20mA
- Milliammeter Indicator (With calibration certificate) : Range: 0-1000 mA DC No. of digit:
4½ digit Type: Digital Panel meter Input: 4-20mA



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Key Features

- Proof pressure Tests
- Ram Stroke/ Load Test
- Pilot Input Load
- By-Pass Anti Jamming
- Stall Load & Synchronization
- Drift Speed Test
- Auto Stabilizer Operation



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Applications

- External Leakage Test
- Internal Leakage Test
- No- load Speed Test
- Load vs. Speed characteristics Test / Loop gain
- Frequency Response



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