



**JENKINS  
MOTOR TEST  
SYSTEM**

# UNTAPPING MOTOR TESTS

**The Jenkins Generation 3 Motor Test System is designed with selectable voltage control and improved safety features.**

**JENKINS** 

## **ALWAYS RELIABLE. EVEN SAFER TO OPERATE.**

We've standardized our Jenkins Motor Test System on a new controls platform, which allows the set-up, voltage selection and testing of equipment to be managed entirely from the operator's console. By removing manual tap switches, all Generation 3 systems are now fully programmable, with selectable voltages to fit your application.

All Generation 3 Motor Test Systems include an 18-month warranty, on-site technician training and commissioning, and a Jenkins-built, maintenance-free testing transformer. Remote technical support is available on networked systems.

## **GEN<sup>3</sup>SERIES**

Our Gen3 Series Product Line is built on the principles of safety, simple operation and dependable service, our systems reduce your team's exposure to danger, while keeping your data from all Jenkins test equipment in one place, and readily available.

- **JENKINS MOTOR TEST SYSTEM**
- **TEMPERATURE & VIBRATION MODULE**
- **UNIVERSAL TEMPERATURE DIGITAL RECORDER**
- **CORE LOSS TESTER**

# OUR MOST ADVANCED MOTOR TEST SYSTEM

## SAFETY IS OUR TOP PRIORITY

### OPERATOR SAFETY

- Remote operator console offers full test control with selectable voltages, isolating test controls and minimizing exposure to power supply
- System warnings and alarms are indicated clearly on the HMI

### SAFETY DEVICE INTEGRATION

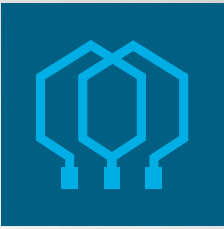
- Emergency stop system, NFPA79, Category 0
- Verify main breaker is off and avoid arc flash with VeriSafe Absence of Voltage Tester (AVT SIL3), NFPA 70E
- Main circuit breaker equipped with local lockout/tagout (29 CFR 1910.147 & NFPA 79)
- Red LED warning light and audible alarm to indicate a test is commencing
- All 3-phase, high current circuit breakers are contained behind steel walls to reduce arc flash risk
- Surge & transient protection for critical control circuits (per NEC 670.6)

## DATA MANAGEMENT

- Live test data is displayed on the Operator's Console and can be viewed remotely on the network
- Test data from additional Gen3 devices integrates into the report database for a comprehensive equipment condition report
- Test data is stored locally and shared to a network drive ensuring data integrity even if network connections fail
- 24" touchscreen monitor is easy to use and allows for more prominent data visualization
- Temperature & Vibration Module is included with all Generation 3 Motor Test Systems



The Jenkins Generation 3 Motor Test System with Operator's Console and Temperature & Vibration Module working together to test a DC motor.



## AVAILABLE UPGRADES

### TEMPERATURE DIGITAL RECORDER

- Up to 8-channels of temperature data logging
- Programmable limits and faults for each channel

### POWER SUPPLY

- Upgrade the current power supply as test requirements grow, without losing the initial investment in the control and operator consoles.

## TECHNICAL SUPPORT

We've increased our remote technical support for networked systems, providing the help you need, when you need it.



Separate Operator Console allows the user to energize the motor under test and monitor live data at a safe distance.

**NEED TO SPEAK TO A  
TEST SYSTEM SPECIALIST?  
JUST CALL OR EMAIL JENKINS.**

**P: 800-438-3003 E: ANSWERS@JENKINS.COM  
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The Temperature & Vibration module connects to the test documentation system to record temperature and vibration with a graphical display.