

WHY CHOOSE PENBRO?

- South African manufacturer
- Custom-engineered solutions
- Experienced design team
- High-quality manufacturing
- Compliance with industry standards
- Local technical support
- Reliable after-sales service
- Solutions tailored to customer requirements

STANDARDS

- ✓ IEC standards
- ✓ SANS standards
- ✓ Testing performed
- ✓ Factory Acceptance Tests

ABOUT OUR PRODUCTS

Penbro Kelnick specializes in the manufacturing of various resistors and load banks. Our products are manufactured from quality materials and meet the highest standards. We also design and manufacture custom solutions with an application-oriented approach for our customers.

PENBRO KELNICK | TELEMA handling the current

GET IN TOUCH WITH US

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PENBRO KELNICK

LOAD BANK CONTROLLER



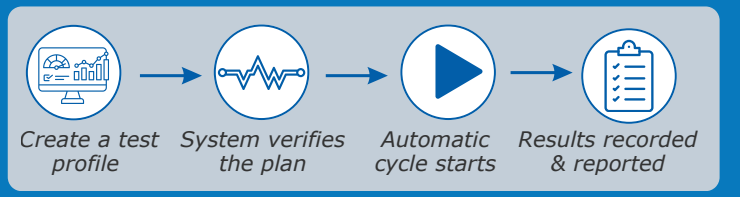
Testing Power Systems with Confidence

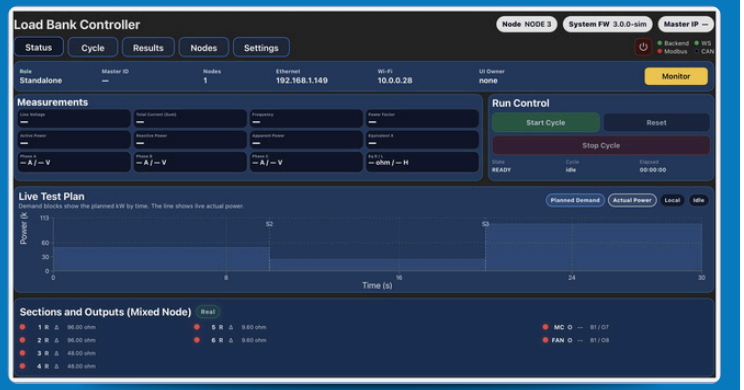
Intelligent automatic load testing for generators, UPS systems and electrical infrastructure.

Safety | Reliability | Custom Engineered | South African Manufactured

WHAT IS AN AUTOMATED LOAD BANK?

Automated load banks simulate real electrical loads to safely test generators, UPS systems, battery systems and power distribution equipment under controlled conditions.





KEY BENEFITS

- ✓ Fully automatic testing
- ✓ Simulates real operating conditions
- ✓ Accurate load profile control
- ✓ Automatic PDF reports
- ✓ Scalable system design
- ✓ Expandable as your facility grows
- ✓ Easy-to-use software interface
- ✓ Reliable and repeatable testing

KEY FEATURES

Complete supply

The customer receives a complete automatic load bank with integrated control, not a standalone controller.

Expandable clusters

Units with the same controller type can be clustered to increase available load and operating flexibility.

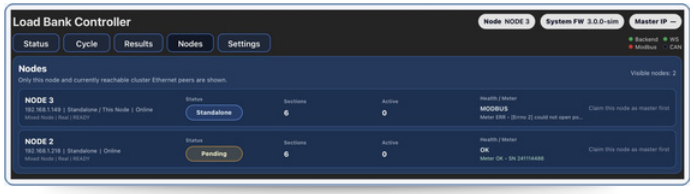
Add capacity later

Start with the first unit or units required today, then add compatible units if the site expands.

Automatic cycle

The system simulates a plan, then controls sections to follow the demanded kW and PF during the test.

CLUSTER VIEW



SPECIFICATIONS

Parameter	Specification
System	Automatec load bank
Phase	Single or Three
Capacity	25kW - 2 MW
Cluster Size	Up to 20 Units
Load Type	Resistive, Inductive, Capacitive or Mixed
Cooling	Natural or forced
Construction	Wheeled or Containerised
Reporting	Automated PDF
Data Export	CSV & PDF

CONSTRUCTION OPTIONS



Wheeled Unit

Compact and mobilised for easy deployment.



Containerised Unit

Natural or forced cooling.
High-power solutions in robust enclosures