

inoRAC3[®]

More than Just a Racking Device



UNIVERSAL REMOTE RACKING

Protect What's Important.

Your Personnel



From 2012– 2016, 739 workers suffered fatal injuries as a result of exposure to electricity*. By using the **inoRAC3™** Remote Racking Device, you eliminate the risk of arc flash injury by allowing operators to remotely rack breakers from outside of the Arc Flash Boundary.

Your Equipment



Unlike competing products, the **inoRAC3™** monitors torque at three separate setpoints and applies it only when needed. The unit measures **Stab Torque, Racking Torque & Disconnect Torque** in ft-lbs, which allows it to be more accurate and provide optimal equipment protection.

Your Investment



The **inoRAC3™** is designed to be a lasting component of your Safety Program. Firmware and Hardware upgrades, as well as Conversion Packages are available with every purchase.

REMOTE RACKING

*Bureau of Labor and Statistics

inoLECT

Why Remote Racking?



The OSHA Standard 1910.269, Appendix E - Protection from Flame and Electric Arcs: Paragraph (I)(8)(i) requires an employer to assess the workplace to identify employees exposed to hazards from flames or electric arcs. This provision ensures that the employer evaluates employee exposure and that they receive proper protection. The employer **MUST** conduct an assessment for each employee who performs work on or near exposed, energized parts of electric circuits.



Table 1303.5(C) states that Servicing electric equipment, such as racking in/out a circuit breaker or replacing a switch **"exposes employees to hazards from electric arcs"** (See our ARE YOU COMPLIANT Fact Sheet for more).

Remote Racking is the quickest and most cost-effective solution to compliance and the easiest way to remove you and your employees from the dangers of Arc Flash.

Program Features

- Automated Controls
- VFD Controlled Motor
- PLC
- Breaker Position Indication
- Revolution Count Monitoring
- Continuous Torque Monitoring
- Auto-Recognition of Installed Modular Motor Carriage
- Breaker Profile Storage for 100 Breakers
- Customized Breaker Profile Selection



US Patent # 8,604,369 B2

Standard Rotary Racking

Rotary Device with 75' of cable or Optional Wireless Control Panel



Narrow Aisle Racking

Motor Carriage can be turned 90 Degrees, left or right



Lever Racking

For use with Push or Pull style breakers



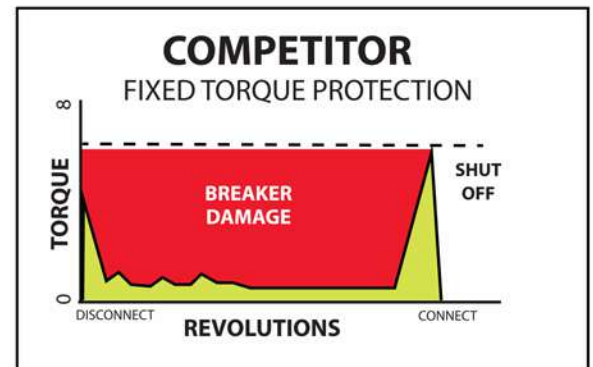
Long-Travel Option is also available. This unit has an extended truck base frame to 33" for greater stability when racking elevated switchgear.

Why choose inoRAC® over the competition?

- Over 200 accessories and breaker connection tools customize the unit to your switchgear and racking processes. Competing products only offer general setting options that may not be accurate.
- No switchgear modifications necessary. No magnets or bungee cords required to stay in contact with the breaker.
- Motor moves along the motor carriage. No need to re-connect to the breaker after racking one direction.

Unlike competing products, the inoRAC® monitors torque at three separate setpoints and applies it only when needed. The unit measures STAB TORQUE, RACKING TORQUE and DISCONNECT TORQUE, which allow it to be better tuned and provide optimal equipment protection.

See the graph (right) for a comparison of how most remote racking products apply torque, compared to the inoRAC®. In the top chart, the unit is applying the same amount of torque from the point of connection to the point where it stops. The chart at the bottom shows the inoRAC® applying torque at specific points in the racking process, which is instrumental in preventing damage to the breaker racking mechanism.



Ask Your Representative about Specific Breaker Applications - a custom engineered solution can be designed to fit your needs!

Products

Universal Remote Operation

inoRAC³

- Standard Rotary Racking
- Lever Racking
- Narrow Aisle 90 Degree Racking
- Wall-Mounted Racking System
- Battery
- Wireless Connectivity
- Dual Voltage
- Caster Wheels
- DB-50/DB-25 Connection Tool
- Over 100 Breaker Connection Tools

• **i9**[™] For MV Motor Starters

Individual Application Solutions

isoRAC[®]

- Siemens 81000 & 81000 Arc-Resistant
- GE LimitAmp
- Westinghouse AmpGard (Classic)
- Many More in Development



Siemens 81000 (non Arc-Resistant)



Ask about these additional services available today!

inCLASS

Training Programs

inoLECT provides on-site commissioning with all purchases and training for all users of these products. NFPA 70E Safety Training is held onsite and at our facility.



inSERVICE

Multi-Year Support Agreement

Hardware and software upgrades, conversions, troubleshooting and repairs are available to expand your equipment's lifetime.