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The integration of renewable energy marked a significant milestone in our power infrastructure development, making us part of a larger, more efficient family of grid operations.



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MECO unveils advanced 5KV–200GΩ digital insulation tester with versatile features

The DIT954-6R is a sophisticated 5kV digital insulation tester with a large 3½-digit LCD with a backlight that ensures clear visibility of readings with a digit height of 29mm, even in low-light conditions.



The DIT954-6R is a sophisticated 5kV Digital Insulation Tester that provides accurate and reliable insulation resistance measurements for various electrical components. Featuring a large 3½-digit LCD with a backlight, the tester ensures clear visibility of readings with a digit height of 29mm,

even in low-light conditions. It offers insulation resistance measurement capabilities of up to 200GΩ, making it suitable for testing transformers, switches, high-voltage systems, cables, appliances, and motors.

The device operates with six selectable test voltage ranges: 100V, 250V, 500V, 1000V, 2500V, and 5000V DC, allowing for versatile testing options depending on the application's specific requirements. The tester is designed for ease of use, with single-person push button operation, and can be powered either by batteries or an AC adaptor for convenience. Its built-in protection circuit safeguards against reverse voltage and a red LED indicator signals the presence of high voltage.

The DIT954-6R also includes useful features such as a data holding function and auto range for insulation tests, enhancing its usability. An audible beep facility provides immediate feedback during testing, and the instrument complies with IS 10656-1983 and EMC Standard IEC 61326 Class B. It is built to withstand over-voltage conditions up to CAT III 600V, by IEC/EN 61010-1 & 61010-31 standards, and offers IP 44 protection against dust and water ingress. This robust and versatile tester is an excellent choice for professionals requiring dependable insulation testing tools. ⚡

For details, please visit our website: www.mecoinst.com
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