



“Reliable Assets. Safe Environment”

Corporate Profile

Corporate Information

Amotech Africa is the leading test and measurement solutions provider in the region. We provide tools and measurement equipment, technical services, repair and calibration services. We also offer technical training and support in test and measurement solutions. We are headquartered in Nairobi, Kenya and have a presence in Tanzania, Uganda, Rwanda, Ethiopia, and The Democratic Republic of Congo. Our tailor-made solutions cut across most industries. We strongly endorse technical training and offer support on all our equipment as a way of ensuring our client gets maximum benefit and longevity on their investment. We offer inhouse repair, and calibration services and with our partner brands at a competitive price.

Amotech Africa has a highly skilled and competent team of sales engineers and staff who are passionate about our solutions and giving the best to the customer. We have a deep understanding of the industrial landscape in this region and believe that this coupled with our years of operation in this market make us best placed to offer exceptional services and customer support.

- . Manufacturing
- . Mining
- . Transport
- . Food and Beverage
- . Solar Energy Producers
- . Education
- . Power Generation
- . Banking
- . Healthcare
- . Telecommunication
- . Energy
- . Pharmaceutical
- . Oil and Gas
- . Ports
- . Automotive
- . Aviation



OUR VISION

Africa's leading provider of premium test and measurement solutions



OUR MISSION

To create value for our stakeholders through reliable test and measurement solutions

CORE VALUES



Excellence

We deliver to the highest quality and standard in results across all levels of our organizational operation to create a culture of excellence and effective execution.

Innovation

We shall continuously improve our processes, nurture new ideas, exceptional talent and embrace modernization by introducing new methods and interventions through Research and Development.

Accountability

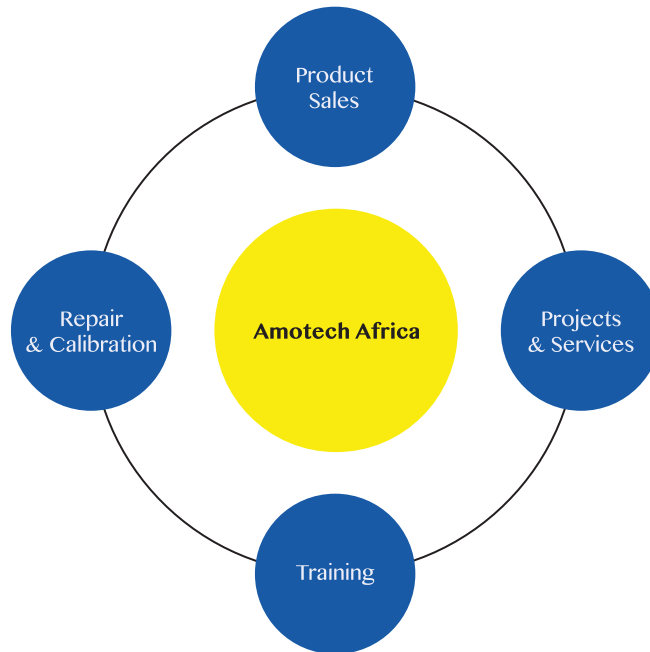
At the core of accountability is reliability and personal responsibility. We value the ability of our staff and organization to honor our commitments, to our stakeholders and to each other. We take ownership of our Strategic intent and seek to exceed the expectations of our stakeholders as we become as great as possible.



OUR COMPETENCIES

Amotech Africa has a highly skilled and competent team which is as a result of a number of combined years of expertise and specialization.

Our Business Units



1. Product Sales

We offer high quality test and measurement equipment through 22+ partners for our clients spread across East and Central Africa.

2. Projects & Services

Our services department comprises of experienced and well-trained engineers who are licensed in multiple jurisdictions with national and international professional associations such as IEEE(USA), EBK(KENYA), EPRA A1 Licensed Electrical Contractor (License No. EPRA/EC/03022).

3. Repair & Calibration

The Amotech Africa Lab offers high quality calibration and equipment repair services across East Africa. We work to ensure quality services within the best possible turnaround time. The lab is ISO 17025:2017 accredited to ensure the highest standards are met and traceability assured.

4. Training

We are NITA certified (NITA/TRN/2133) Training Business Unit, dedicated to equipping individuals and teams with the essential skills and knowledge needed to thrive in today's ever-evolving professional landscape. Our training programs are meticulously designed to address industry-specific challenges and empower participants with practical insights and hands-on experience.



Our Brands
&
Solutions



Electrical Test and Measurement Solutions



Megger

www.megger.com

Megger is the leading global premium manufacturer of measurement and testing technology. Megger offers solutions for the transmission of electrical energy from the power plant to the socket. Megger products combine many years of experience in the electrical industry. Each generation of our products is a systematic evolution. Each successive series offers more safety, more reliability, more economy. In this way, Megger have established themselves as one of the largest suppliers of electrical test technology.



www.elspec-ltd.com

Elspec is a leading quality solutions & services provider to the global marketplace. Since 1988 Elspec has developed, manufactured and marketed proven power quality solutions along with state of the art electrical network analysis technologies.



www.flir.com

Teledyne FLIR designs, develops, manufactures, markets, and distributes technologies that enhance perception and awareness. Flir brings innovative sensing solutions into daily life through its thermal imaging, visible-light imaging, video analytics, measurement and diagnostic, and advanced threat detection systems.



Solar Equipment Testing Solutions



www.seawardsolar.com

With over 75 year's experience at the cutting edge of electrical safety testing, the Seaward Solar range of electrical solar PV test equipment enables Photovoltaic installers to meet all testing and certification requirements of IEC 62446 safely and efficiently.



Process Flow and Instrumentation Solutions



www.flukereliability.com



Fluke Reliability is a leading maintenance technology manufacturer and solution provider. We offer a broad range of high-quality products, services and training tailored to the needs of maintenance professionals in the areas of shaft alignment, vibration analysis, condition monitoring and nondestructive testing.

Cable Life Extension and Fire Protection Solutions



FIRE SECURITY

www.fire-security.com



Fire Security is a Norwegian company offering cable life extension, repair, and fire protection of electrical cables for the oil & gas industry worldwide. We conduct turnkey projects for an extensive client base both onshore and offshore, including rigs, FPSO, LNG vessels and petrochemical refineries.

5

Power Systems Analysis Solutions

VAISALA

www.vaisala.com

Vaisala is a global leader in measurement instruments and intelligence for climate action. We equip our customers with devices and data to improve resource efficiency, drive energy transition, and care for the safety and wellbeing of people and societies worldwide. With almost 90 years of innovation and expertise, we employ a team of over 2,300 experts committed to taking every measure for the planet.





www.gedridsolutions.com



Grid Solutions, a GE Renewable Energy business, serves customers globally with over 13,000 employees. With decades of expertise, Grid Solutions helps utilities and the industry at large to effectively manage electricity from the point of generation to the point of consumption - to maximize the reliability, efficiency and security of the grid. Grid Solutions has equipped 90% of the world's power utilities with products and services.



Power Diagnostix Systems GmbH provides quality instruments and engineering services for high-voltage diagnostic applications. Power Diagnostix has built a solid reputation since market introduction of our partial discharge detectors in early 1993. Our ICM series of digital partial discharge detectors is used for evaluation of electrical insulation by electric utilities, manufacturers, and research institutes worldwide.



www.solutions.megger.com/

Grid Analytics Solutions provide on-line distribution grid monitoring, analysis, and data-driven management solutions to optimise the performance of your assets, increase reliability, and mitigate potential failures. Our solutions offer unprecedented insight into the health of your distribution grid, enabling you to make intelligent predictive maintenance decisions and improve the delivery of dependable power.

Battery Management Solutions



www.cadex.com

For over 35 years, Cadex Electronics has been at the leading edge of battery technology. Serving customers in over 100 countries globally, our world-class team empowers local and global clients to achieve the most from their mobile power applications. Cadex technology and products, including custom battery packs, smart chargers and advanced battery analyzers, optimize battery use in all phases of battery life cycle management, increase up-time and availability of critical equipment, and decrease operating costs.



www.chromaate.com/eu

Founded in 1984, Chroma ATE Inc. is a world leading supplier of precision test and measurement instrumentation, automated test systems, intelligent manufacturing systems, and test & automation turnkey solutions.



www.franklingrid.com

Franklin Electric Grid Solutions is a leading developer and manufacturer of intelligent monitoring equipment for power and battery backup systems. Uptime is a requirement in today's connected world. Industries, such as power utilities, telecommunications, healthcare, transportation, and data centers rely on uninterrupted power for critical continuity. Franklin Electric Grid Solutions delivers real-time health and performance analytics for data-driven decision making. Our products empower you to monitor your systems, analyze risks, and perform proactive maintenance - all to ensure uptime.

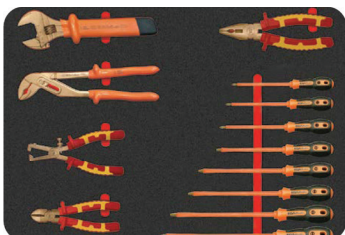


www.midtronics.com

Since pioneering a new standard in battery testers with conductance testing technology, Midtronics has been passionate about creating better battery management solutions. Midtronics is focused on developing technologies to improve the way batteries are tested, charged and managed, making us the battery technology partner of choice for the world's leading automobile and heavy truck manufacturers, vehicle service organizations, and battery manufacturers.



Mechanical Applications



www.egamaster.com

EGA Master is a manufacturer of tools for professional/industrial use. Originally specialized in pipe tools it later diversified into a wider product range, including mechanical tools, non-sparking tools, titanium non-magnetic tools, insulated tools and explosion-proof intrinsically safe instruments.



www.norbar.com

Norbar is the world's leading torque specialist with one of the most modern and largest factories devoted exclusively to the design, development and production of torque tightening and measuring equipment. Norbar is the only torque equipment manufacturer to be able to offer torque tool and instrument calibration & recalibration services to the original factory standard on four continents. In addition to this, most of Norbar's distributors offer repair, calibration & recalibration services.



Identification, Safety and Gas Detection



www.brady.eu

Spill control, Lockout Tagout solutions and more. Brady helps you create and maintain safer work environments and comply with regulatory standards.

INDUSTRIAL SCIENTIFIC

www.indsci.com/en

Industrial Scientific is a leader in lifesaving products and technologies that improve in-the-moment safety outcomes for workers worldwide. Our wearable, area monitoring, and software solutions detect gases, offer remote real-time monitoring and guide emergency response teams.



Biomedical and X-ray Solutions



www.flukebiomedical.com

Fluke Biomedical is the premier, global organization providing test and measurement equipment and services for the healthcare industry. We strive to lead our market segments through ongoing improvement of current offerings and creative solutions to customer needs. Our speciality is in medical test device quality assurance, radiation safety, electrical safety, and diagnostic imaging quality assurance.





Unfors RaySafe, a Fluke Biomedical company, is the leading supplier of radiation measurement solutions in the medical field offering comprehensive solutions for the X-ray room – from quality assurance of X-ray equipment, to real-time dose monitoring for medical staff and dose management solutions for the benefit of the patient. These products combine advanced technology, simple use and transparent data overview with competitive pricing.

Advanced Metering Infrastructure and IoT

ZERA

www.zera.de/en

ZERA develops and manufactures systems for the generation, measurement, testing and calibration of electrical quantities and distributes them worldwide. Our customers include renowned companies in the field of electricity supply and instrument transformer manufacturing.



Fibre, Copper & RF Testing Solutions



Anritsu

Advancing beyond

www.anritsu.com/en-au/

Anritsu, which was established in 1931, has a rich history of invention in RF & Microwave technologies with a leading position in several important technologies, including LTE and vector network analysis. The company offers test and measurement solutions that can be used for wireless, optical, microwave/RF, and digital instruments as well as systems to support operations.



www.aem-test.com/

AEM's Smart Building test solutions are purpose-built to provide a unique set of testing functionality that spans a wide range of technology, through modular test platforms. These solutions serve a broad range of applications including copper and fiber certification, high wattage power over Ethernet Testing, Multi-Gig link speed qualification, and wired and wireless network testing. Through years of innovation and research, their solutions are guaranteed to provide a highly accurate RF measurement system and provide feature sets tailor made to suit modern networking requirements.





Calibration

www.flukecal.com

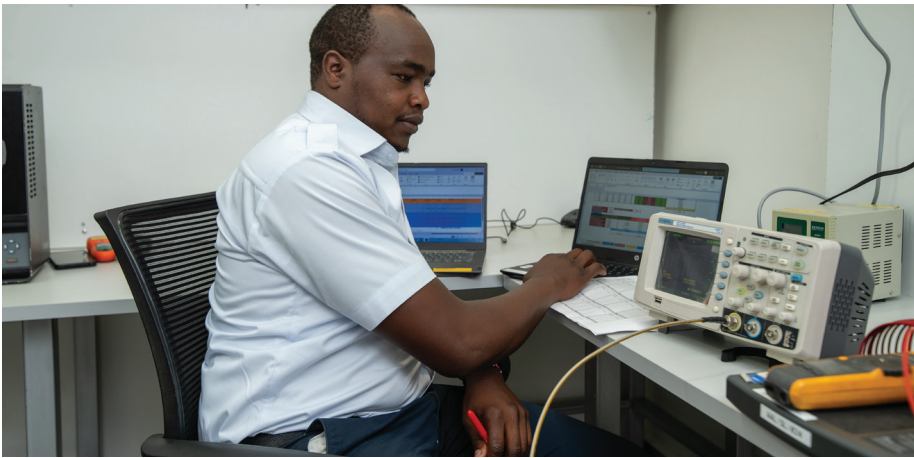


Fluke Calibration is a leader in precision calibration instruments, equipment, service and software for electrical, RF, temperature, pressure and flow measurements. Calibration instruments from Fluke Calibration are found in calibration laboratories and process measurement instrument shops around the world, including National Metrology Institutes where metrologists calibrate to the highest levels of performance and reliability. Our calibrators and standards are backed by world-class metrology and exceptional service and support.

Repair and Calibration Services

The Amotech Africa Lab is one of the leading equipment servicing and calibration service providers in Africa. We have a wealth of experience that comes from handling a variety of jobs in Kenya, Uganda, Tanzania, Malawi, DRC, and Rwanda. Our state-of-the-art calibration equipment and methods are traceable to the National Metrology Institute and SI unit.

We have already established our credibility in the marketplace supported by state-of-the-art facilities to cater for the calibration requirements of Food and Beverage, Energy, Healthcare, Aviation and other related industries. Our ISO/IEC 17025:2017 accredited lab is committed to provide services that consistently meet the customers' requirements in a safe, reliable, timely and cost-effective manner.



Calibration Scope	Calibration Items
Electrical	True RMS meters, insulation testers, earth, ground testers, panel meters, clamp meters, frequency meters, watt meters.
Pressure	Digital pressure gauges, tyre pressure gauges, vacuum pressure gauges, pressure transmitters, sphygmomanometer, magnehelic gauges.
Temperature	Temperature indicators and controllers, temperature sensors, condition chambers, temperature Mapping.
Torque*	Torque wrench, torque multiplier, hydraulic torque wrench, electric torque wrench, various torque sensors.

Projects & Services

Our Projects and Services team has hands-on experience in the use of test instruments and preparation of reports. As a company, we hold the highest Level of Electrical Contractor license in Kenya. Amotech Africa has the following licenses from the respective bodies:

- EPRA A1 - Electrical Contractor
- EPRA Class C1 - Solar PV Systems Contractor/Vendor
- EPRA Class V1 - Solar PV Systems Contractor/Vendor
- EPRA Class V2 - Solar PV Systems Manufacturer/Importer
- NCA5 - Electrical Engineering Service Contractor
- NCA5 - Mechanical Engineering Service Contractor
- NCA5 - Building Works Contractor

Our Services

- Transformer Testing
- Battery Testing and Commissioning:
 - Voltage,
 - Internal temperature
 - Internal impedance
 - Conductance
 - Discharge capacity testing
- Solar PV Testing & Commissioning
- Relay Testing
- Energy Audits & Power Quality Analysis
- Earth Testing
- DFR and Synchrocheck Relay Installation
- Consultancy
- Thermography Inspection
- Cable Integrity Testing:
 - Insulation testing
 - VLF testing
- Cable Fault Location
- Partial Discharge Testing
- Commissioning Manager Role

Past Projects & Services

Amotech Africa has successfully implemented projects and services in Kenya, Uganda, Rwanda and Mauritania. Some of our previous projects and services include:

1. Commissioning Manager Role for Kesses 1, 55MWp Solar PV Power Plant and 33/220kV Interconnection Facilities.
2. Commissioning Manager Role Tasiast, 42.5MWp Solar PV Power Plant with 9MWhr Battery Energy Storage.
3. Operation and Maintenance Activities Review for Kesses 1, 55MWp Solar PV Power Plant and 33/220kV Interconnection Facilities.
4. DC Battery Bank Installation, Testing and commissioning for Hydro Power Substation. 110 VDC in Uganda.

Some of our test and measurement equipment include:

- Seaward Solar PV 200 for Solar System Testing
- Megger MFT-X1 Multifunctional Electrical Installations Tester
- Megger Torkel 950 Battery Load Unit for Battery Capacity Testing
- Flir T 1030 Thermal Imaging Camera for Thermography Inspection
- Elspec Pure Blackbox for Power Quality Analysis
- Elspec G4500 for Power Quality Analysis
- Megger ST-25kV for Cable Fault Location
- Megger TRAX 279 Transformer and Substation Test System.
- Megger BITE 5 for Battery Discharge, Temperature, Internal Resistance and Voltage Testing.
- Megger ICM System for Partial Discharge Testing

Our Projects & Services



Battery Testing at Bujagali Energy Limited, Uganda



Power Quality Analysis Service for an 11kV Switchgear



Insulation Test on a Power Transformer



Thermography Inspection



Commissioning of 42.5MWp Solar PV Power Plant with 9MWhr Battery Energy Storage in Mauritania



55 MVA Power Transformer Test

OUR CLIENTS

KENYA



TANZANIA



OUR CLIENTS

RWANDA



UGANDA



ETHIOPIA

MALAWI



DEMOCRATIC REPUBLIC OF CONGO





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