

UNIQUE PRIME

DELIVERING EXCELLENCE FOR OVER 8 YEARS

2026

PORTFOLIO



OUR MOTTO

Global Excellence with Reliable Solution

OUR MOTTO

LOCAL EXPERT



GLOBAL EXCELLENCE



RELIABLE SOLUTION



#GLOBAL EXCELLENCE, RELIABLE SOLUTION

OUR TRADEMARK

Building long-term industry credibility through proven precision, innovation, and dependable solutions.



WWW.UNIQUEPRIME.COM.BD

UNIQUE PRIME ENGINEERING LIMITED

OUR PURPOSE

Empower industries with high-precision engineering solutions, driving innovation, safety, and operational excellence across every solution



OUR VISION

To be a trusted solution provider and leader in top-quality engineering solutions.



OUR MISSION

Provide top-tier Electrical, civil, and mechanical engineering services with high safety standards.

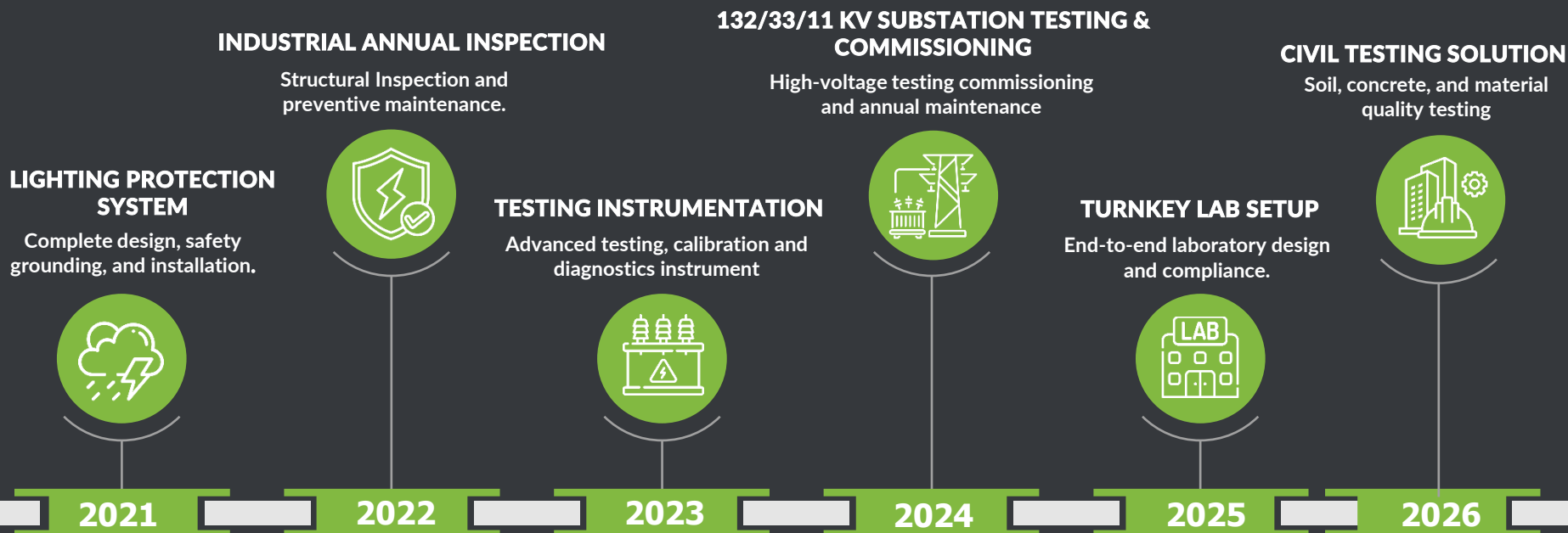


OUR VALUE

Prioritize complete customer satisfaction while actively contributing to Bangladesh's economic growth.

OUR GROWTH PATH

Key engineering achievements and strategic milestones shaping the future of Unique Prime.



BUSINESS WING

Comprehensive engineering solution tailored to electrical, civil, and industrial infrastructure.



ANALYTICAL DIVISION

Advanced Analysis for Quality Excellence

UNIQUE PRIME ENGINEERING
PROVIDING COMPREHENSIVE
ANALYTICAL TESTING SOLUTIONS
THROUGH ADVANCED
TECHNOLOGIES.



GLOBAL EXCELLENCE WITH
ANALYTICAL SOLUTION



ANALYTICAL DIVISION

Advanced laboratory testing, high-precision chemical and material diagnostics, and compliance reporting.



CHEMICAL ANALYSIS

Determination of a material's composition, purity, and chemical properties to ensure quality and compliance.



SPECTROSCOPY SOLUTION

Advanced spectroscopic analysis for accurate material identification and composition determination



CHROMATOGRAPHY SOLUTION

Separation and analysis of chemical compounds for accurate identification and quality assurance.



PETROLIUM & LUBRICANT TESTING

Comprehensive testing of fuels and lubricants to ensure quality, performance, and standards compliance.



MATERIAL TESTING

Evaluation of material properties and performance to ensure quality, reliability, and compliance.



LIFESCIENCE & BIOTECHNOLOGY

Advanced analysis and testing solutions for biological research, healthcare, and biotechnology applications.

ANALYTICAL SOLUTION

Delivering accurate data, material characterization, and failure analysis to ensure industrial quality control.



SPECTROPHOTOMETER

Advanced analytical instrument used for precise measurement of light absorption and transmission to determine the concentration, composition, and properties of various materials.



XRF ANALYZER

Advanced analytical instrument for non-destructive elemental analysis, identifying material composition and ensuring accurate quality control.



HPLC ANALYZER

High-performance analytical system used for precise separation, identification, and quantification of chemical compounds in various samples.



EDXRF ANALYZER

Utilizing non-destructive analytical instrument used for precise elemental analysis, material composition identification, and quality assessment across various applications.

ANALYTICAL SOLUTION

Delivering accurate data, material characterization, and failure analysis to ensure industrial quality control.



OIL TAN DELTA TEST

Evaluation of insulating oil quality by measuring dielectric losses and detecting aging, contamination, and insulation performance.



OIL BDV TEST

Measurement of the breakdown voltage of insulating oil to evaluate dielectric strength, purity, and insulation reliability.



CLOSED CUP ANALYZER

Determines the flash point of petroleum products and lubricants to evaluate safety, quality, and handling characteristics.



TAN/TBN ANALYZER

Measures the acidity and alkalinity levels of oils to evaluate lubricant condition, performance, and degradation.

CIVIL CONSTRUCTION REACTION AND TESTING

Advanced Civil & Construction Testing

UNIQUE PRIME ENGINEERING
PROVIDING COMPREHENSIVE
CIVIL TESTING SOLUTIONS THROUGH
ADVANCED TECHNOLOGIES.



GLOBAL EXCELLENCE WITH
CIVIL TESTING SOLUTION



CIVIL TESTING SOLUTION

Comprehensive soil, concrete, steel, and non-destructive material quality assessments for durable infrastructure



CIVIL NDT TESTING

Accurate non-destructive testing to detect defects, cracks, and structural weaknesses without damaging the structure.



CONCRETE TESTING

Reliable testing to measure concrete strength, quality, and durability, ensuring safe and long-lasting structures.



CIVIL AGGREGATE TESTING

Comprehensive aggregate testing to check material quality, strength, grading, and suitability for construction.

CIVIL TESTING SOLUTION

Comprehensive soil, concrete, steel, and non-destructive material quality assessments for durable infrastructure



ASPHALT & BITUMEN TESTING

Comprehensive testing to evaluate asphalt and bitumen quality, strength, durability, and performance for reliable road construction.



CEMENT & ROCK TESTING

Accurate testing of cement and rock to assess the strength, quality, composition, and durability of cement and rock materials used in construction.



STRUCTURAL HEALTH MONITORING

Advanced monitoring solutions to assess structural condition, detect potential issues, and ensure long-term safety and performance.

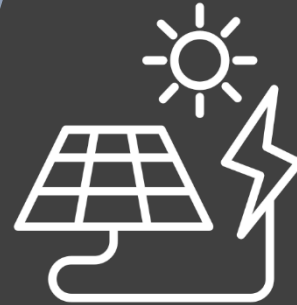
RENEWABLE



ENEYGY RENEWABLE

Advanced Renewable Energy Solution

UNIQUE PRIME ENGINEERING
PROVIDING COMPREHENSIVE
RENEWABLE ENERGY SOLUTIONS
THROUGH ADVANCED
TECHNOLOGIES.



GLOBAL EXCELLENCE WITH
RENEWABLE ENERGY SOLUTION

RENEWABLE ENERGY SOLUTION

Sustainable solar, wind, and green energy engineering, smart system design



SOLAR ROOFTOP SOLUTION

Efficient rooftop solar solutions designed to reduce energy costs and provide clean, reliable, and sustainable power.



SOLAR IRRIGATION SYSTEM

Solar-powered irrigation solutions that provide efficient and cost-effective water supply for agricultural and irrigation needs.



SOLAR EV CHARGING SYSTEM

Smart solar EV charging solutions that use clean energy to provide efficient, reliable, and sustainable electric vehicle charging.

RENEWABLE ENERGY

Sustainable solar, wind, and green energy engineering, smart system design



BATTERY ENERGY STORAGE SYSTEM

Reliable energy storage solutions that store excess solar power and provide backup energy when needed.



SOLAR POWER PLANT

Efficient solar power generation systems designed to deliver clean, reliable, and sustainable electricity at scale.



SOLAR CARPORT SYSTEM

Smart solar carport solutions that generate clean energy while providing covered parking and efficient EV charging options.

RENEWABLE ENERGY

Sustainable solar, wind, and green energy engineering, smart system design



SOLAR COLD STORAGE SYSTEM

Energy-efficient solar cold storage solutions designed to preserve food, agricultural products, and other temperature-sensitive



ENERGY MANAGEMENT SYSTEM

Smart energy management solutions that monitor, control, and optimize energy consumption for improved efficiency and cost savings.



SOLAR WATER SYSTEM

Reliable solar-powered water solutions designed to provide efficient water heating, pumping, and supply using clean renewable energy.

SURVEYING AND MAPPING

Advanced Survey & Mapping Solution

UNIQUE PRIME ENGINEERING
PROVIDING COMPREHENSIVE
SURVEY & MAPPING SOLUTIONS
THROUGH ADVANCED
TECHNOLOGIES.

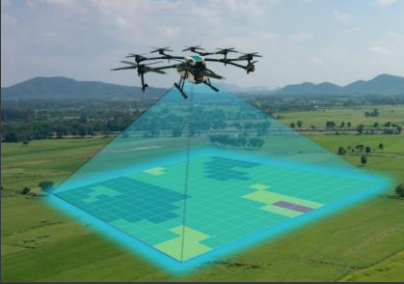


GLOBAL EXCELLENCE WITH
SURVEY & MAPPING SOLUTION



SURVEYING AND MAPPING SOLUTION

High-precision land, topographic, and geospatial surveying using advanced GIS and GPS technology.



TOPOLOGICAL SURVEY

Accurate land surveying to map terrain, elevations, and surface features for planning, design, and construction projects.



CONSTRUCTION SURVEY

Precise surveying services to support construction layout, positioning, measurements, and project execution with accuracy.



AGRICULTURAL SURVEY

Detailed land surveys to assess terrain, boundaries, and site conditions for efficient agricultural planning and development.



DIGITAL PHOTOMETRY

Advanced digital measurement and analysis services to accurately assess lighting, illumination, and site conditions for various projects.

SURVEYING AND MAPPING SOLUTION

High-precision land, topographic, and geospatial surveying using advanced GIS and GPS technology.



GPR SURVEY

Ground Penetrating Radar (GPR) surveying to detect and map underground structures, utilities, voids, and subsurface features accurately



TOPOLOGICAL SURVEY

Detailed land surveying to measure terrain, elevations, boundaries, and surface features for accurate planning and development.



SEISMIC SURVEY

Advanced seismic surveying to analyze subsurface conditions, geological structures, and ground characteristics for construction and development.



GEOPHYSICAL SURVEY

Comprehensive geophysical surveys to investigate underground conditions, identify subsurface features, and support safe and informed project planning.

SURVEYING AND MAPPING SOLUTION

High-precision land, topographic, and geospatial surveying using advanced GIS and GPS technology.



GROUND MONITORING SURVEY

Accurate monitoring of ground movement, settlement, and stability to identify potential risks and support safe construction and infrastructure projects.



SOIL QUALITY SURVEY

Detailed soil testing and analysis to evaluate soil properties, quality, and suitability for construction and agricultural applications.



GEOTECHNICAL SURVEY

Comprehensive investigation of soil and ground conditions to support foundation design, construction planning, and structural safety.



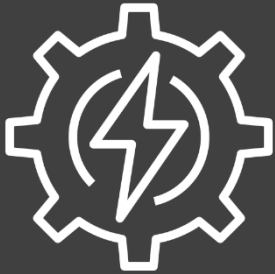
DIGITAL TWIN SERVEY

Advanced digital surveying and 3D modeling to create accurate virtual representations of physical sites, structures, and infrastructure.

SERVICE AND COMMISSIONING

Testing & Commissioning

UNIQUE PRIME
ENGINEERING PROVIDING
COMPREHENSIVE
SERVICE AND
COMMISSIONING



GLOBAL EXCELLENCE
WITH SERVICE AND
COMMISSIONING

COMMISSIONING



SUBSTATION TESTION & COMMISSIONG

Reliable supply of high-grade industrial electrical components, power distribution accessories, and insulation materials.



CIRCUIT BREAKER TEST

Tests the performance and safety of circuit breakers under different electrical conditions. It ensures reliable protection against faults and overloads.



TRANSFORMER TEST

Checks the performance, efficiency, and safety of transformers. It helps identify electrical faults and ensures reliable operation.



TRANSFORMER IR TEST

Measures the insulation resistance of a transformer to assess insulation quality. It helps detect moisture, leakage, and insulation deterioration.



TRANSFORMER RATIO TEST

Verifies the voltage transformation ratio of a transformer. It ensures the transformer is correctly configured and operating as designed.

SUBSTATION TESTION & COMMISSIONG

Reliable supply of high-grade industrial electrical components, power distribution accessories, and insulation materials.



PHYSICAL INSPECTION

Checks the physical condition of electrical equipment for visible damage or defects. It ensures proper installation, safety, and reliability.



DB TEST

Tests the distribution board for proper electrical connections and protection. It helps ensure safe and reliable power distribution.



VISUAL INSPECTION

Visual check of electrical equipment to identify any visible damage, defects, or loose connections. It helps ensure proper installation, safety, and reliable.



PANEL TEST

Checks the performance, wiring, and safety of electrical panels. It ensures proper operation and reliable power distribution.

OUR SERVICE STRENGTH

Ensuring Compliance with International Standards

STRENGTH



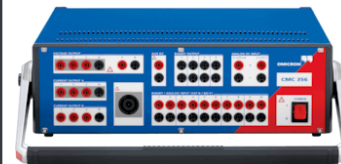
OMICRON CPC 100



OMICRON CT ANALYZER



OMICRON TAN DELTA



OMICRON CMC 356



EUROSMC RAPTOR



MEGGER METER



THERMAL IMAGER



OMICRON SFRA

OUR SERVICE STRENGTH

Ensuring Compliance with International Standards

STRENGTH



POWER QUALITY ANALYZER



VIBRATION ANALYZER



LASER SHAFT ALIGN



EARTH TESTER



PV ANALYZER



MICROHM METER



CIRCUIT BREAKER TEST

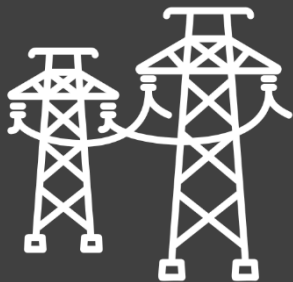


FLUE GAS ANALYZER

POWER CON-SUMABLE

Advanced Power Consumable Solution

UNIQUE PRIME ENGINEERING
PROVIDING COMPREHENSIVE
POWER CONSUMABLE
SOLUTIONS THROUGH
ADVANCED TECHNOLOGIES.



#GLOBAL EXCELLENCE WITH
POWER CONSUMABLE SOLUTION

CONSUMABLE

POWER CONSUMABLE SOLUTION

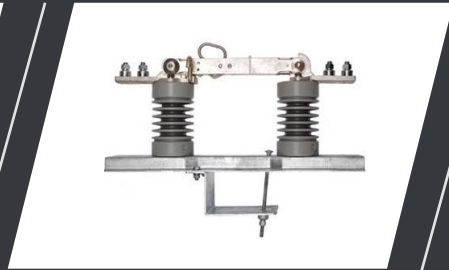
Reliable supply of high-grade industrial electrical components, power distribution accessories, and insulation materials.

CONSUMABLE



SURGE ARRESTER

Reliable surge protection devices designed to protect electrical equipment and systems from lightning and voltage surges.



DISCONNECTOR SWITCH

High-quality switching equipment used to safely isolate electrical circuits and equipment during maintenance and operation.



COLD SHRINKABLE TERMINATION KIT

Easy-to-install cable termination solutions providing reliable insulation, sealing, and long-term electrical performance.



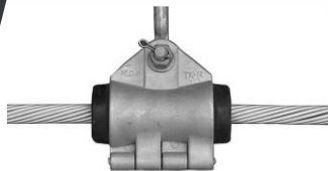
PORCELAIN INSULATOR

Durable electrical insulators designed to provide reliable insulation, mechanical support, and safe power transmission.

POWER CONSUMABLE SOLUTION

Reliable supply of high-grade industrial electrical components, power distribution accessories, and insulation materials.

CONSUMABLE



OVERHEAD LINE HARDWARE FITTING

High-quality hardware and fittings designed for secure, reliable installation and support of overhead electrical power lines



HEAT SHAKABLE CABLE

Durable heat-shrinkable cable solutions providing reliable insulation, protection, sealing, and long-term electrical performance.



POLE MOUNTED CIRCUIT BREAKER

Reliable circuit protection equipment designed for pole-mounted applications to safely control and protect electrical distribution systems.



HIGH VOLTAGE CURRENT LIMITING FUSE

High-voltage protection devices designed to quickly limit fault currents and protect electrical equipment from damage during abnormal conditions.

TURNKEY LAB SETUP

Advanced Completed Turkey Laboratory Setup

UNIQUE PRIME ENGINEERING
PROVIDING COMPREHENSIVE
TURNKEY LABORATORY SETUP
THROUGH ADVANCED
TECHNOLOGIES



GLOBAL EXCELLENCE WITH ADVANCED TURNKEY
LABORATORY SETUP



LABORATORY

TURNKEY LAB SETUP

Laboratory Setup Solutions for Precision and Compliance



ANALYTICAL LAB

Provides accurate chemical and material analysis for quality assurance and research.



HIGH VOLTAGE TESTING LAB

Ensures the safety, reliability, and performance of high-voltage electrical equipment.



FOOD TESTING LAB

Performs comprehensive testing for food quality and regulatory testing compliance.



ENVIRONMENTAL LAB

Provides reliable environmental testing for compliance and more performance with sustainability.



CIVIL TESTING LAB

Ensures the quality and strength of construction materials through reliable testing.



MATERIAL TESTING LAB

Evaluates material quality, strength, and performance through precise testing.



SIMULATION LAB

Provides realistic simulation environment for training, research, and system validation.



CALIBRATION LAB

Ensures measurement accuracy and reliability through precise calibration services

IOT-BASED SMART LIGHTNING PROTECTION SYSTEM

Advanced Completed Turkey Laboratory Setup



ESE Lightning Rod

DAT CONTROLER® PLUS
obtain the international UL
safety certification

GLOBAL EXCELLENCE WITH SMART REMOTE
LIGHTNING PROTECTION SYSTEM

SMART LIGHTNING



LIGHTNING

SMART LIGHTNING PROTECTION

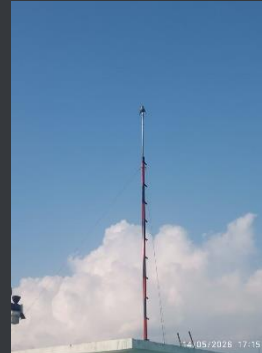
Advanced Completed Turkey Laboratory Setup

Lightning is one of the most destructive natural phenomena. While no device can prevent lightning from forming, its effects can be minimized through a lightning protection system. ESE Air Terminal Systems aim to provide a safer and more effective method of protecting against lightning strikes, whilst reducing on CAPEX.



LPS SITE COMPLETION

Comprehensive early streamer emission (ESE) lightning protection, advanced grounding, and surge suppression solutions



IoT-BASED SMART LIGHTNING PROTECTION SYSTEM
INSTALLATION COMPLETION REFERENCE **#2026**

PRECISION AGRICULTURE

Advanced Completed Turkey Laboratory Setup

UNIQUE PRIME ENGINEERING
PROVIDING COMPREHENSIVE
PRECISION AGRICULTURE
SETUP THROUGH ADVANCED
TECHNOLOGIES



GLOBAL EXCELLENCE WITH
PRECISION AGRICULTURE



PRECISION AGRICULTURE SOLUTION

Transforming Modern Agriculture for Maximum Efficiency & Sustainability



Smart Irrigation

Smart Irrigation uses sensors and GPS technology to monitor crop water requirements. It supplies the right amount of water at the right time, reducing water wastage and improving irrigation efficiency.



Smart Fertigation

Smart Fertigation combines irrigation and fertilizer application in a controlled system. It provides crops with the required nutrients accurately, reducing fertilizer waste and supporting better crop growth and productivity.



Greenhouse Automation

Greenhouse Automation uses smart sensors and automated systems to control temperature, humidity, irrigation, and other growing conditions. It creates a suitable environment for crops and helps improve plant health and production.



Soil Analysis & Mapping

Soil Analysis & Mapping uses sensors to study soil properties such as moisture, nutrients, and fertility. The collected data helps farmers make better decisions about irrigation, fertilizer application, and crop management.

PRECISION AGRICULTURE

Transforming Modern Agriculture for Maximum Efficiency & Sustainability



Smart Farming Utilizing

Uses modern technology to improve farming efficiency and productivity. It helps farmers manage crops and resources more effectively.



Smart Crop Monitoring

Monitors crop health, growth, and field conditions using smart sensors. It helps detect problems early and improve crop yield.



Smart Seed Management

Ensures proper selection, storage, and use of quality seeds. It improves germination and supports healthy crop growth.



Agricultural Drone Technology

Uses drones to monitor crops and farmland from the air. It helps detect diseases, assess crop conditions, and support precision farming.

EDUCATION

Advanced Education Laboratory Setup

UNIQUE PRIME ENGINEERING
PROVIDING COMPREHENSIVE
ADVANCE EDUCATION LAB SETUP
THROUGH ADVANCED
TECHNOLOGIES



GLOBAL EXCELLENCE WITH
ADVANCE EDUCATION LAB SETUP

LABORATORY



EDUCATION LABORATORY

Bridging Theoretical Knowledge with Hands-on Experimentation



ELECTRICAL & ELECTRONICS

Provides practical testing and analysis of electrical and electronic equipment. It supports safe, accurate, and reliable system performance.

POWER SYSTEM LAB

Focuses on testing and analysis of power generation, transmission, and distribution systems. It helps ensure efficient and stable power system operation.

DIGITAL COMMUNICATION

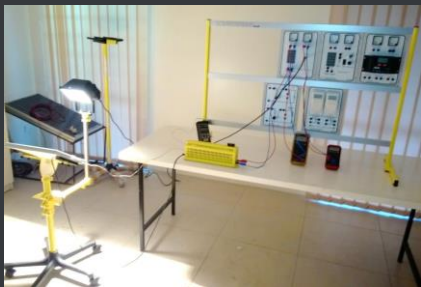
Provides practical testing of digital communication systems and technologies. It helps improve communication accuracy, reliability, and performance.

SIMULATION LAB

Uses advanced software and simulation tools to model and analyze engineering systems. It helps evaluate performance and identify potential issues before implementation.

EDUCATION LABORATORY

Bridging Theoretical Knowledge with Hands-on Experimentation



RENEWABLE ENERGY LAB

Developing sustainable clean energy solutions like solar, wind, and bio-energy. Conducting advanced research in energy storage systems and efficient power distribution grids.



CIVIL ENGINEERING LAB

Testing structural durability, concrete mix designs, and geotechnical soil properties. Utilizing advanced modeling for urban infrastructure development and disaster resilience.



MECHANICAL LAB

Exploring thermodynamics, robotics, manufacturing systems, and material science. Designing efficient mechanical systems and performing stress-strain analysis on components.



FLUID MECHANICS LAB

Exploring thermodynamics, robotics, manufacturing systems, and material science. Designing efficient mechanical systems and performing stress-strain analysis on components.

ADVANCE TELECOMMUNICATION SOLUTION

Telecommunication Solutions

UNIQUE PRIME ENGINEERING
PROVIDING COMPREHENSIVE
TELECOMMUNICATION
SOLUTIONS THROUGH
ADVANCED TECHNOLOGIES



GLOBAL EXCELLENCE WITH
ADVANCE TELECOMMUNICATION

TELECOMMUNICATION

TELECOMMUNICATION SOLUTIONS

Empowering Global Connectivity, 5G Ecosystems, and High-Speed Data Communication Systems



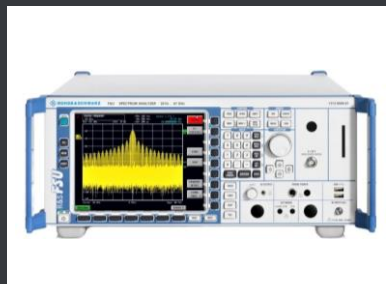
SIGNAL ANALYZER

Measures dynamic properties and modulation quality of complex electrical signals in time and frequency domains. Analyzes signal distortion, phase noise, and demodulation for modern wireless.



SIGNAL GENERATOR

Generates precise, controlled electronic waveforms and high-frequency RF test signals. Tests receiver sensitivity, amplifier performance, and component behavior under simulated conditions.



SPECTRUM ANALYZER

Measures signal amplitude across a wide frequency spectrum to identify power distribution and harmonics. Detects unwanted noise, signal interference, spurious emissions, and channel bandwidth.



VECTOR NETWORK ANALYZER

Measures transmission and reflection properties (S-parameters) of high-frequency components. Evaluates impedance matching, insertion loss, phase response, and return loss in antennas and filters.

TELECOMMUNICATION SOLUTIONS

Empowering Global Connectivity, 5G Ecosystems, and High-Speed Data Communication Systems



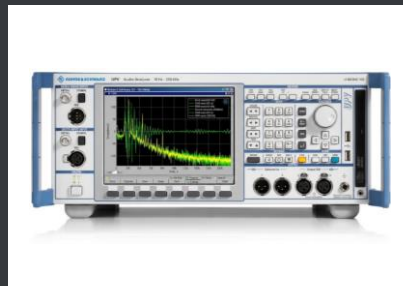
WIRELESS ANALYZER

Monitors, tests, and evaluates wireless network protocols, signal strength, and coverage. Analyzes Wi-Fi, cellular (4G/5G), and Bluetooth communication performance.



RF POWER METER

Accurately measures peak and average radio frequency power across broad frequency ranges. Evaluates transmitter output levels, pulse power, and RF signal attenuation in real-time.



AUDIO ANALYZER

Evaluates acoustic and electrical audio signals for Total Harmonic Distortion (THD+N) and frequency response. Measures signal-to-noise ratio (SNR), crosstalk, and linearity in electroacoustic devices.



RF MICROWAVE ANALYZER

Measures high-frequency microwave signals, phase noise, and complex modulation up to millimeter-wave bands. Validates radar performance, satellite transceivers, and gigahertz-range communication components.

TELECOMMUNICATION SOLUTIONS

Empowering Global Connectivity, 5G Ecosystems, and High-Speed Data Communication Systems



OSCILLOSCOPE

Measures voltage levels, signal frequency, rise time, noise, and transient distortion in electronic circuits. Essential for hardware debugging, signal integrity verification, and embedded system troubleshooting.



DIGITAL MULTIMETER

Delivers high-precision digital measurements with auto-ranging and data-logging capabilities. Fundamental diagnostic tool for electronic troubleshooting, component testing, and laboratory safety checks



FREQUENCY GENERATOR

Provides adjustable output amplitude, DC offset, and duty cycle for stimulating prototype circuits. Vital for evaluating amplifier frequency response, testing filters, and generating system clock signals



DC POWER SOURCE

Features built-in over-current, over-voltage protection, and multi-channel output controls for safety. Essential foundational lab equipment for powering prototypes during design, testing, and validation.

MEDICAL AND HEALTH-CARE SOLUTION

Advanced Medical & Healthcare Solutions

UNIQUE PRIME ENGINEERING
PROVIDING COMPREHENSIVE
MEDICAL AND HEALTHCARE
SOLUTIONS THROUGH ADVANCED
TECHNOLOGIES



GLOBAL EXCELLENCE WITH MEDICAL
HEALTHCARE SOLUTION



MEDICAL AND HEALTH-CARE SOLUTION

Next-Generation Diagnostic Equipment, Telehealth Services, and Sustainable Public Health Management



Clinical Diagnostics

Utilizes automated clinical chemistry and hematology analyzers for rapid, reliable diagnostic results. Supports healthcare providers with vital diagnostic data for effective treatment planning and care



Microbiology & Molecular Diagnostics

Conducts antimicrobial susceptibility testing to guide targeted pathogen treatment and infection control. Delivers high-sensitivity genetic screening for infectious diseases and inherited biological markers



Public Health Testing

Conducts routine surveillance testing on water supplies, food safety, and communicable pathogens. Collaborates with public health authorities to prevent epidemics and safeguard population wellness

MEDICAL AND HEALTH-CARE SOLUTION

Next-Generation Diagnostic Equipment, Telehealth Services, and Sustainable Public Health Management



Pharmaceutical & Quality Control

Ensures drug safety, purity, and compliance with strict regulatory standards (GMP/FDA). Conducts raw material verification, dissolution testing, and product stability analysis.



Genetic Testing

Analyzes DNA, RNA, and chromosomal structures to identify hereditary conditions and genetic markers. Enables personalized medicine, disease risk assessment, and carrier screening for clinical care.



Biomedical Research

Investigates fundamental cellular processes and disease mechanisms to innovate medical therapies. Supports drug discovery, target validation, and pre-clinical assay development.

FOOD TESTING LABORATORY

Advanced Food Testing Solutions

UNIQUE PRIME ENGINEERING
PROVIDING COMPREHENSIVE
FOOD TESTING SOLUTIONS
THROUGH ADVANCED
TECHNOLOGIES



GLOBAL EXCELLENCE WITH ADVANCE
FOOD TESTING SOLUTION



FOOD TESTING

FOOD TESTING SOLUTIONS

Advanced Scientific Research, Precision Testing, and High-Impact Technological Innovation



Food Safety Testing

Detects contaminants, toxins, and adulterants to ensure regulatory compliance and consumer health safety



Microbiological Testing

Identifies harmful bacteria, molds, and pathogens to prevent foodborne illnesses and spoilage



Nutritional Analysis

Quantifies macro and micronutrients to verify accurate food labeling and health standards.



Chemical Analysis

Measures heavy metals, pesticide residues, and additive levels to guarantee food purity.

AEROSPACE AND CIVIL DEFENSE

Advanced Arrowspace and Civil Defense

UNIQUE PRIME ENGINEERING
PROVIDING COMPREHENSIVE
AEROSPACE AND CIVIL DEFENSE
SOLUTIONS THROUGH ADVANCED
TECHNOLOGIES



GLOBAL EXCELLENCE WITH
AEROSAPCE & CIVIL DEFENSE



CIVIL DEFENSE

AEROSPACE & CIVIL DEFENSE SOLUTIONS

Driving Aerospace Innovation Through High-Precision Engineering, Satellite Tech, and Modern Flight Systems



AIRCRAFT TESTING

Evaluates flight safety, structural integrity, and avionics performance under rigorous simulated conditions.



NEVAL TESTING

Assesses hull durability, sonar accuracy, and maritime propulsion systems for defense applications.



DEFENSE COMMUNICATION

Ensures secure, tactical, and jam-resistant radio data transfer for military operations.



POLICE COMMUNICATION

Enables reliable, encrypted real-time radio networks for emergency response and public safety.

FISHERIES AND

Advanced Fisheries & Livestock Solutions

UNIQUE PRIME ENGINEERING
PROVIDING COMPREHENSIVE
ADVANCE FISHERIES AND
LIVESTOCK SOLUTIONS THROUGH
ADVANCED TECHNOLOGIES



GLOBAL EXCELLENCE WITH
PRECISION CALIBRATION

LIVESTOCK



FISHERIES & LIVESTOCK SOLUTIONS

Enhancing Production Efficiency, Water Quality Control, and Ecological Balance Across Commercial Fisheries



WATER QUALITY TESTING

Monitors key parameters like pH, dissolved oxygen, and salinity to maintain optimal aquatic ecosystems, prevent disease outbreaks, and ensure healthy marine life growth.



FISH FEED TESTING

Evaluates nutritional composition, protein levels, and raw material purity to guarantee balanced fish diet, enhance growth rates, and optimize feed conversion efficiency.



CONTAMINANT TESTING

Detects traces of heavy metals, pesticides, antibiotics, and chemical pollutants in aquatic environments to ensure food safety compliance and ecosystem health.



AQUACULTURE GENETICS

Applies advanced DNA profiling and genetic selection to improve disease resistance, accelerate growth traits, and enhance overall aquatic stock quality.

PRECISION CALIBRATION

Advanced Calibration Facilities

UNIQUE PRIME ENGINEERING
PROVIDING COMPREHENSIVE
CALIBRATION FACILITIES
THROUGH ADVANCED
TECHNOLOGIES



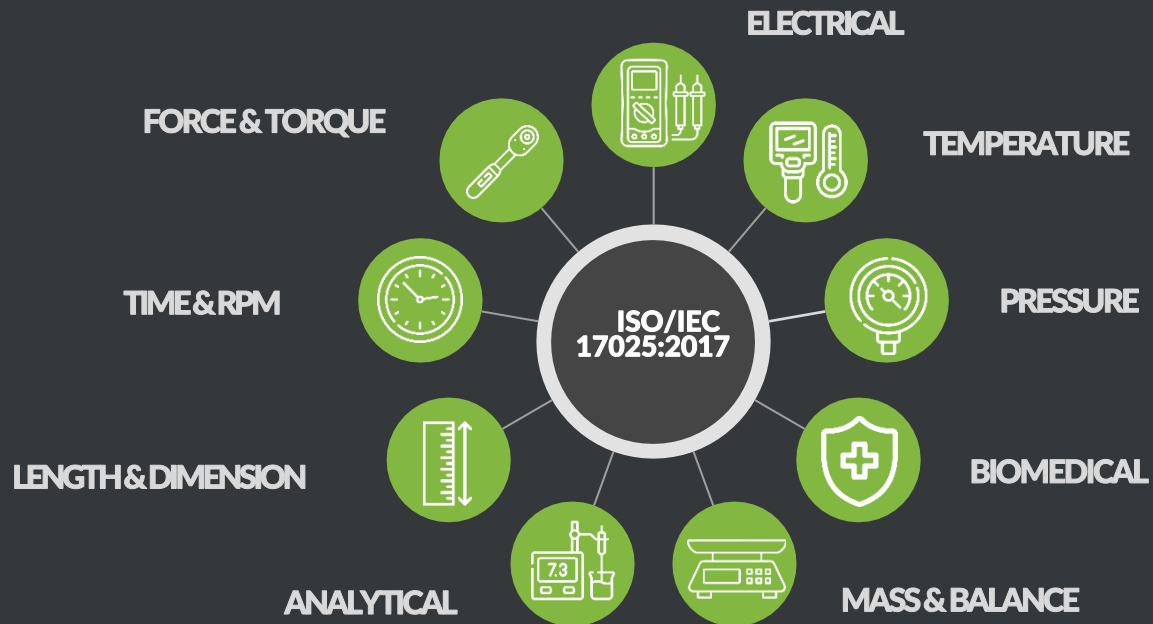
GLOBAL EXCELLENCE WITH
PRECISION CALIBRATION



CALIBRATION

OUR CALIBRATION SCOPE

Ensuring Measurement Accuracy, Sensor Reliability, and Optimal System Performance Standards



PERSONAL PROTECTIVE EQUIPMENT [PPE]

Personal Protective Equipment Solutions

UNIQUE PRIME ENGINEERING
PROVIDING COMPREHENSIVE
PERSONAL PROTECTIVE
EQUIPMENT SOLUTIONS SETUP
THROUGH ADVANCED
TECHNOLOGIES



GLOBAL EXCELLENCE WITH
PERSONAL PROTECTIVE
EQUIPMENT SOLUTIONS



PERSONAL PROTECTIVE EQUIPMENT [PPE]

Ensuring Maximum Workplace Safety, Hazard Prevention, and Comprehensive Worker Defense Across All Operations



ARC FLASH PROTECTION

Provides flame-resistant (FR) personal protective equipment engineered to safeguard high-voltage electrical workers from extreme heat energy, explosive blasts, and severe thermal burns.



HEAD & FACE PROTECTION

Features high-impact hard hats, welding helmets, and protective face shields designed to prevent traumatic head injuries, chemical splashes, and flying debris hazards.



HAND PROTECTION

Includes specialized cut-resistant, chemical-proof, and dielectric insulated gloves tailored to protect workers' hands across complex industrial and high-risk operational environments.



FOOT PROTECTION

Utilizes steel-toe safety boots equipped with slip-resistant, puncture-resistant soles and electrical hazard shielding to ensure full stability and foot safety on hazardous job sites.

OUR TEAM

Strategic suggestion for Improving Quality and Reliability



01

EXPERIENCE

Experienced professionals and proper field knowledge ensure quality work

02

PERFORMANCE

Regular testing and monitoring help maintain reliable system performance.

03

LEADERSHIP

Strong leadership supports effective planning, coordination, and decision-making.

04

SKILLS

Skilled engineers ensure accurate testing, installation, and maintenance.

05

OPERATIONS

Proper operation and maintenance improve safety, efficiency, and system reliability.

OUR GLOBAL PARTNER

Building Strong Partnerships for Global Success



GLOBAL SOURCING HUB

Connecting Global Markets with Reliable Solutions



GLOBAL SOURCING FOOTPRINT AROUND THE WORLD..

SWOT ANALYSIS

A Strategic View of Our Business Potential

STRENGTHS

Unique Prime Engineering combines engineering expertise with advanced technologies to deliver reliable industrial, laboratory, and infrastructure solutions.

THREATS

Increasing competition, fluctuating exchange rates, evolving industry regulations, and global supply chain disruptions may impact project costs and delivery.



WEAKNESSES

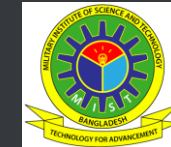
As a growing engineering company, expanding into new markets requires continuous investment in technology, skilled professionals, and operation.

OPPORTUNITIES

The increasing demand for industrial automation, laboratory solutions, renewable energy, and infrastructure development presents significant opportunities for business growth.

OUR VALUED CLIENT

We are always for our valuable end-user



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OUR PRESENCE

Our Growing Presence in Key Markets



THANK YOU WATCHING

Don't forget to tell your ideas about our Solution and
share it with us!



CONTACT US:



info@uniqueprime.com.bd
www.uniqueprime.com.bd
Baishteki, Mipur 13, Dhaka-1216, Bangladesh