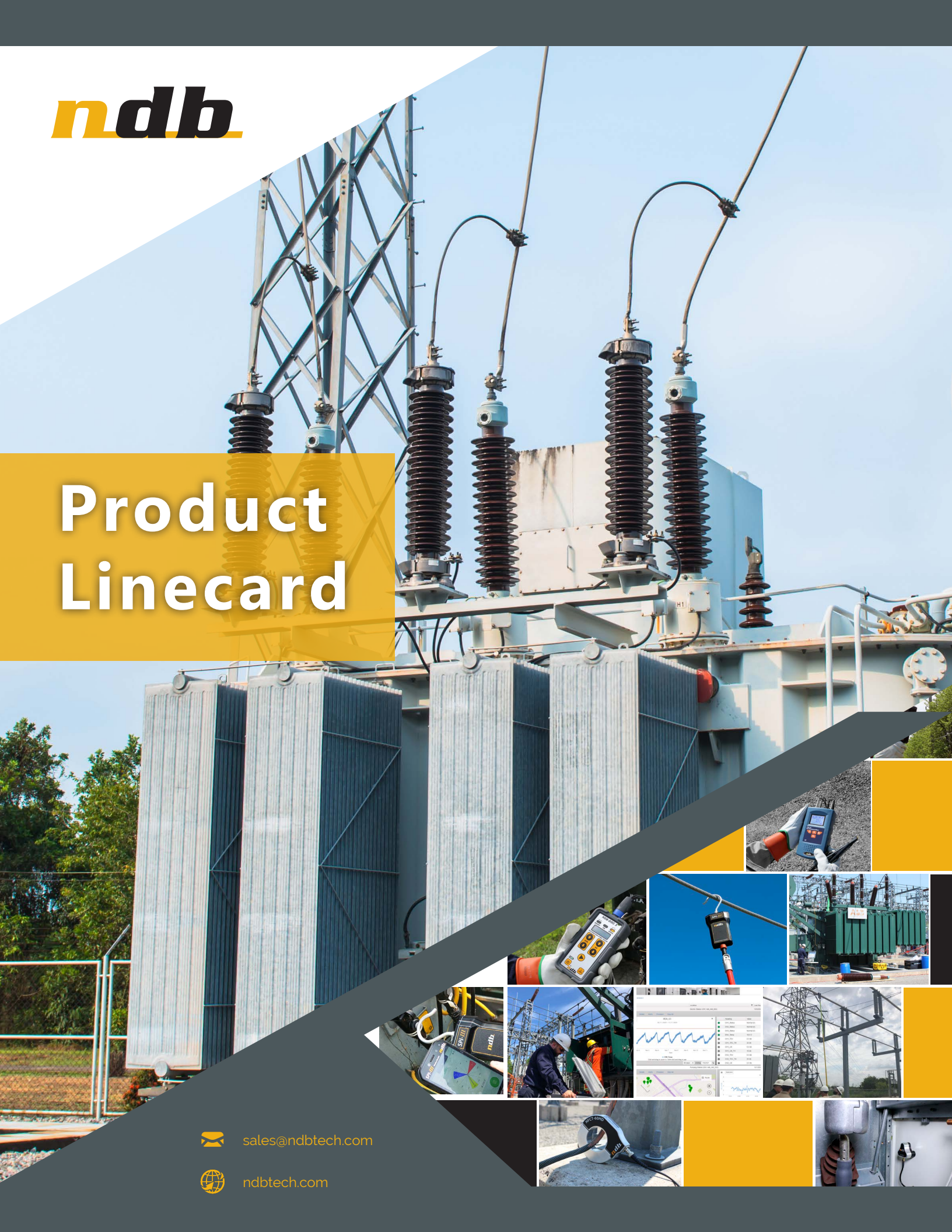




# Product Linecard



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 [ndbtech.com](http://ndbtech.com)

# Substation Maintenance



## ART-3D™ - Real 3 Phase Automatic Ratio Tester

- All Vector Group Testing
- True 3 Phase Test Circuit
- Up to 275V Test Voltage for Ultra-High Accuracy
- High Power Output up to 2000mA
- Primary-Secondary-Tertiary In a Single Test Sequence
- Anti-Induction - Remote Control - Tap Changer Control

Convenient Detachable Cables



## CTTx5™ - Current Transformer Tester

- Protection Class CT Tester up to 2000v
- Automatic Sequence up to 5 taps / 10 Windings
- Full Keypad - Smart Knob - Color Display
- Built-In Printer - Report Manager™ Software
- Shielded Cables Available



Choose Your cable configuration

Built-in Burden Test Source

LTC Control



High Accuracy Reading Channels

## WRT-10D™ - Winding Resistance Tester

- Highly Filtered Current Regulated Output
- Winding & Tap Changer Diagnosis Features
- Full Keypad - Smart Knob - Color Display
- Built-In Printer - Report Manager™ Software
- Custom-Length Cables Available

## DOC™ series Distribution Transformer Tester

Single test for all windings - No need to remove sec leads/loads - Easy interpretation - Compact - Lightweight - Battery operated - 1kVA to 3MVA - Good for single phase, Yn, Delta, Padmount or 3 phase banks, Medium voltage dry type, etc..

## NDB-DOC™ Single Phase

Overhead Distribution Transformer Tester - Easy to operate with a hotstick



# Micro-Ohmmeters

## DRM-LRM™ series Micro-Ohmmeter

Test current up to 10A - Ultra Accurate Readings - Highly filtered input channels - Battery Operated Lasts All Day - Array of probes available - Super Easy to Use

Comm. port  
Ultra accurate  
All day operation



Exothermic Cadweld Probe



HD series clamps & double hand probes



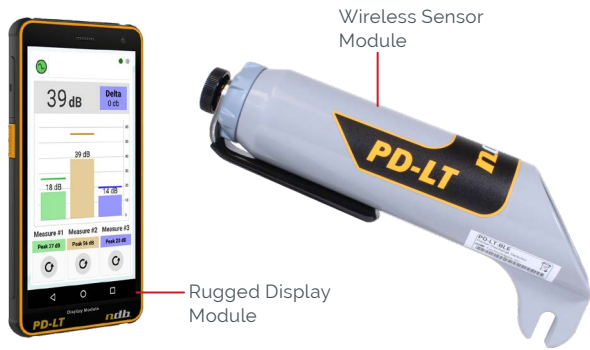
Personal Grounding Test Jig



# Partial Discharge Detection

## PD-LT™ Aerial PD detector

Easy partial discharge detection on aerial apparatus - Long range wireless communication - Safe capacitive sensor - Rugged & splash proof design - Battery operated lasts all day - Intuitive built-in app with recording and data export.



## PDS™ - Cable Accessory PD Scanner

Partial discharge detection on cable accessories - Ultra sensitive capacitive & inductive sensor - Dead easy to read bar graph & audio cue - Rugged & weatherproof.



## XDP-II™ Expert PD Detector

Online & Offline PD detection & analysis - Relative dB & pC measurements - Multi-Sensor Capabilities - Advanced Noise Rejection - Phase Related Partial Discharge (PRPD) - Comprehensive Analysis Software - Minimal Training Requirement - NiMH Batteries lasts All Day



## PD Annunciator™ PD Alarm System

24/7 Partial Discharge Monitoring - Local & Remote Alarm (e-mail, sms, web) - Dual Input Channels - Effective Noise Rejection Algorithm - Installed Live Without Any Downtime - Modbus communication or PDA-Cloud service.



### • PDA Sensors

The SonoTEV™ sensor line allows for acoustic (contact or airborne) and TEV (transient earth voltages) detection on metal clad cabinets. HFCT-HD™ are top-of-the-line high frequency open-core sensors designed for indoor/outdoor use on any ground return.



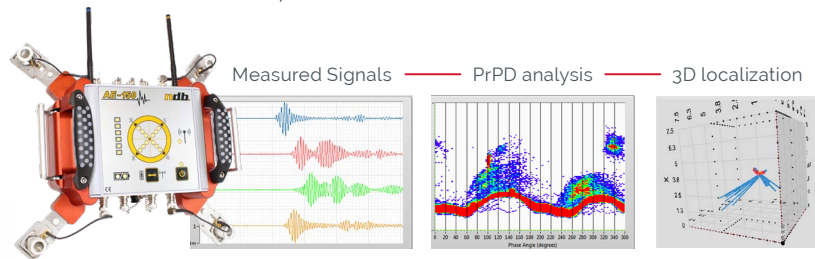
### • PDA-Cloud Server

Multi-User Protected Web Interface - International Cellular Coverage - Automatic GPS Positioning - Multi-Channels Activity Graphs - 365 Days Data Backup - Alarm Generation (e-mail, web) - CSV Data Export.



## AE-150™ PD Localization

3D Positioning of PD Activity in power transformer oil-filled tank - Auto-vectoring and pinpointing - Comprehensive Mirador-TX™ Software - Wireless operation.



## ULD-40™ Corona Effect Detector

Corona effect, arcing & gas leak detection - Built-In or external sensor - Array of sensors available - Lightweight and rugged - Batteries last for hours - Designed for factory or field applications.

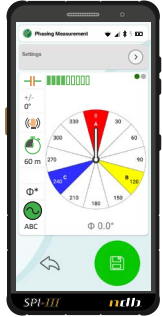


# Cable & Phase Identification

## SPI-III™ System Phase Identifier

SPI-III™ is designed to unmistakably identify electrical phases at any voltage levels (40V to 1,200kV) of an electrical power grid. Its advanced technologies enables effortless measurements anywhere.

- Works on all voltage levels
- Intuitive graphical readings
- Direct & non contact phasing
- Accurate GPS technology
- Field-proven design
- Holdover mode
- Differed mode
- Battery-operated



Display Module

Measurement Module



Reference Module

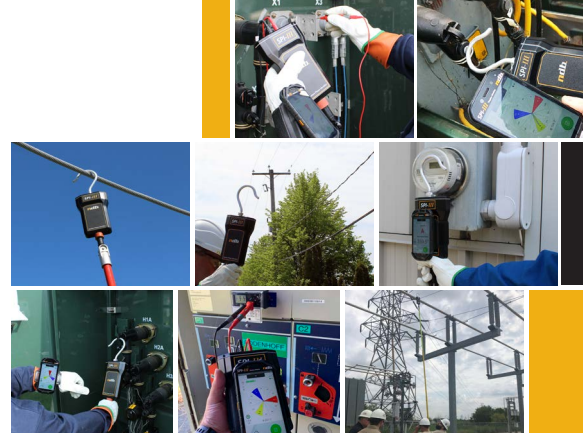


**NEW:** Preset mode: Applies all correct phasing parameters in a second (phase shift compensation, reference module selection, phasor style, etc.).

**NEW:** Annotations: Save pictures, videos, voice messages and text along with phasing result. All data is exportable to your computer via email.

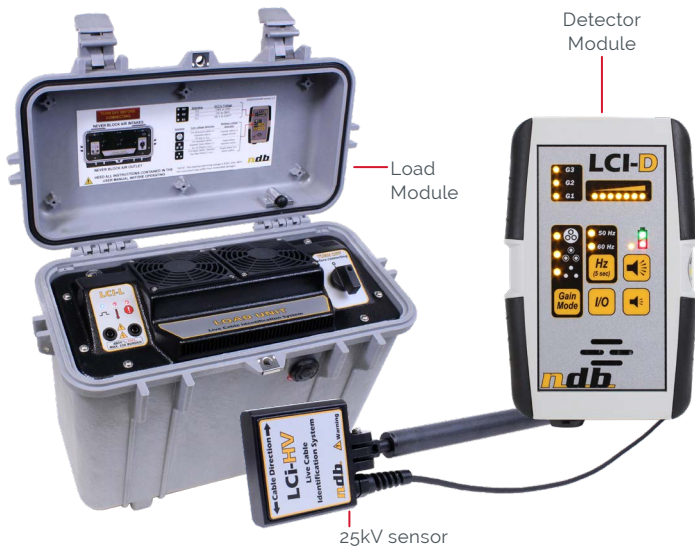
## Covers All Applications

Outlets, Meters, Motor control centers, Control panels, Secondary circuits, Substation control circuits, Residential, Commercial, industrial, Overhead power lines, Underground cable terminations, Transformers, Breakers, Switchgear, VDS/VPIS, Motors, Generators, Transmission lines, Switchyard, Busbar and much more.



## LCi™ Live Cable Identification

The LCi™ design allows for convenient identification on energized low and medium voltage systems. Its simple and lightweight design makes it a perfect fit for applications such as cable tagging on secondary circuits of distribution transformers or identification of main feeder cables on medium voltage circuits.



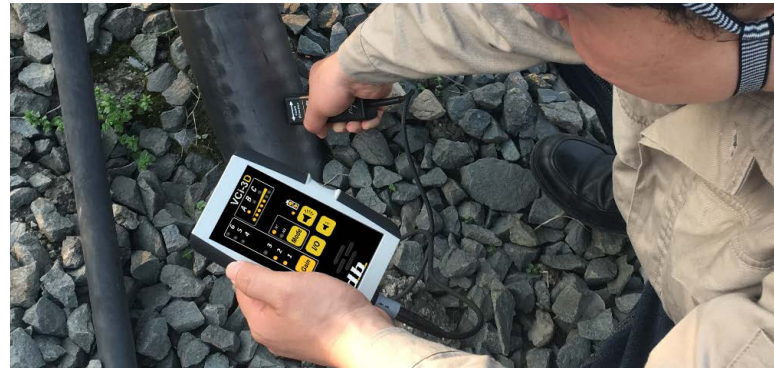
Detector Module

Load Module

25kV sensor

## VCi-3™ Voice Cable Identification

The VCi-3™ is a cable and phase identification system designed to operate on grounded three phase de-energized cable systems. It's unique tone and voice signal has proven its effectiveness for a great number of utilities worldwide and remains the leader in its category.



Cable & Phase ID

Two detection modes

All cable types are supported

- Unshielded
- Shielded
- PILC
- XLPE
- In metal pipes
- Etc..

