Megger.
CENTRIX
Megger.
Sprinter

CENTRIX 2.0

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XVII. Szigetelésdiagnosztikai Konferencia

Bambara Hotel - Felsőtárkány, Hungary
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- ***Central & Flexible***
- *Thinks ahead* & provides unparalleled Levels of *User Confidence* & *Comfort*

Highest safety standard with SafeDischarge Technology	Linux based operating system - Maximum system stability & security
Intuitive one-hand operation by 21.5“ touch display and JogDial	Step by Step operator guide even for inexperienced users
Li-Ion Battery Power supply	Remote control of important system functions
Decay plus double surge method up to 80 kV	Simultaneous testing and diagnosis with 50Hz slope technology

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- **<u>Highest Safety Standard on the Market</u>**
- Integrated *SafeDischarge-Technology*
- Analogue *Residual Voltage Display*
- *Live System Status*

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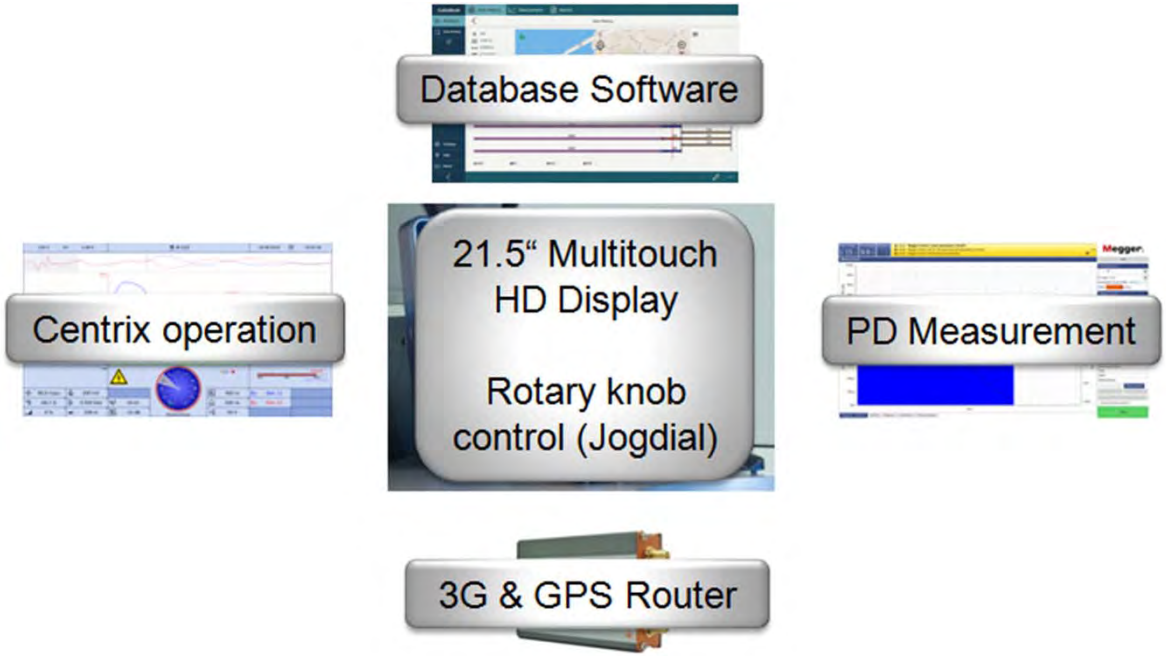
- **Intuitive Central Control**



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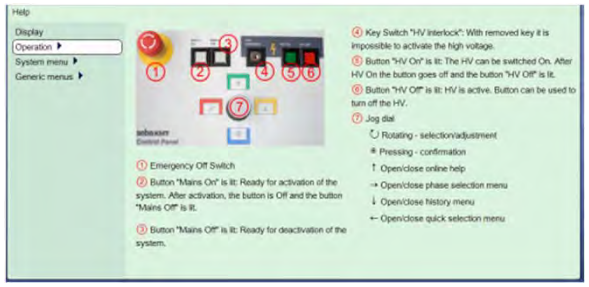
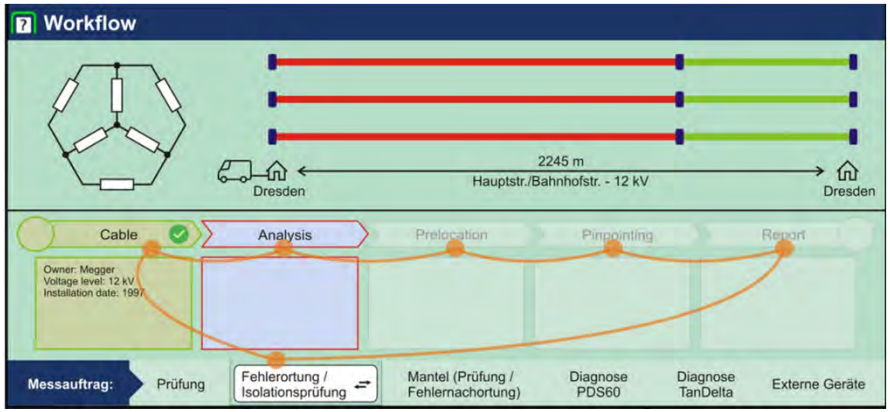
- **Step by Step User Guidance**
- EasyGO Mode for inexperienced Users
- Workflow oriented Operation
- Integrated Quick Guide





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- **Maximum System Stability & Security**
- Linux based Operating System
  - No Bluescreen
  - No Anti-Virus Software necessary
  - No additional Costs for License Keys
- Stable, even after a Mains Failure
  - No UPS necessary (Uninterruptible Power Supply)
  - Re-starts without any additional System Check

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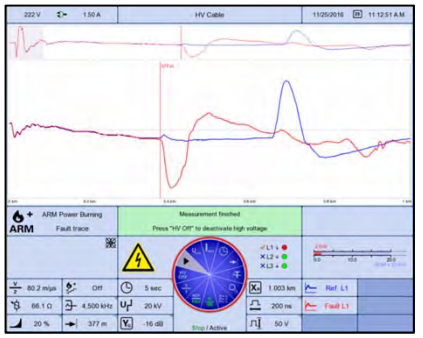
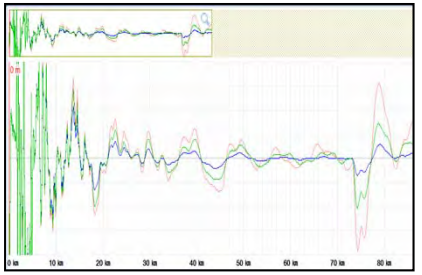
- **Special Fault Location Methods**
- **ARM – Multishot / Pro Range**
  - 15 Fault Traces per Surge Pulse
  - Length depending Gain Feature
- **ARMplus**
  - Double Surge Method up to 32 kV for Long Cables
- **DECAYplus**
  - Double Surge Method up to 80 kV for Long Cables
- **ARM Burning**
  - Live View of Burning Process at Fault Position
- **ICE Pinpointing**
  - Combined Prelocation & Pinpointing Method





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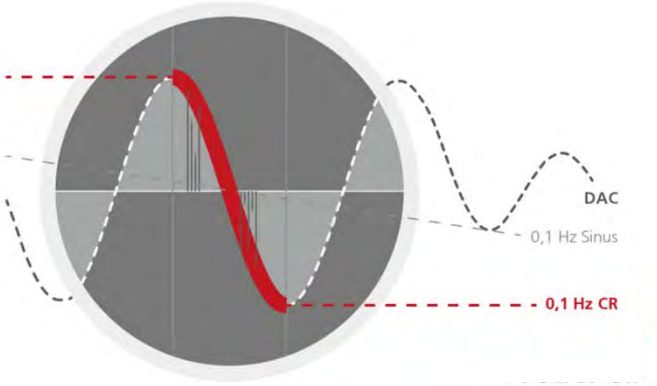
- **Test & Diagnostic Module**

- Standard Compliant, powerful VLF Testing with 5.5 µF at 36 kVeff @ 0,1 Hz
- Internal tanDelta Measurement with automatic Test Interpretation conform to IEEE 400.2
- Partial Discharge Diagnosis with VLF Sinus, Damped AC or 50 Hz Slope-Technology (VLF CR)
- Monitored Withstand Test
- Apply VLF for measurement of insulation losses (tanD or insulation dissipation factor)



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- **Remote Control**

GSM / 3G

WIFI

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- **All inclusive Safety Strategy**
- Integrated Features to provide highest possible Safety
  - Key Interlock
  - Emergency Off Buttons
  - Status Indicator Lights
  - Analogue Voltmeter
  - Door Contacts
  - External Safety Unit

according to Standards
DIN EN 61010-1
DIN EN 50191
BGI 891

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- **All inclusive Safety Strategy**

- Loop Resistance Monitoring (FOhm)
- Station Ground Voltage Monitoring (FU)
- Surrounding Area Voltage Monitoring with Voltage Time Integral (FU) (unique in Megger Test Van Systems)
- Mains Connector Box
- Separation Transformer
- Safe-Discharge Technology

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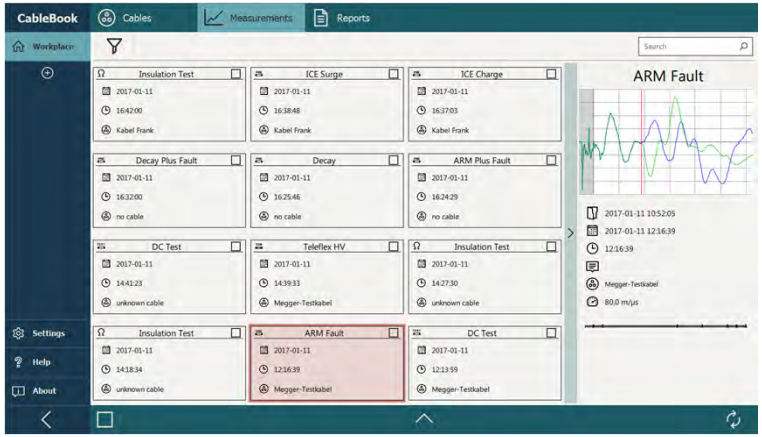
- **MeggerBook Cable - Database Software**
  - Cable Manager
  - Measurement Archive
  - Report Generator/ Storage
- Objectives
  - All power related Data in one Database for easy Reporting & Storage
- GPS based Map View
- Easy Data-exchange between local & remote databases



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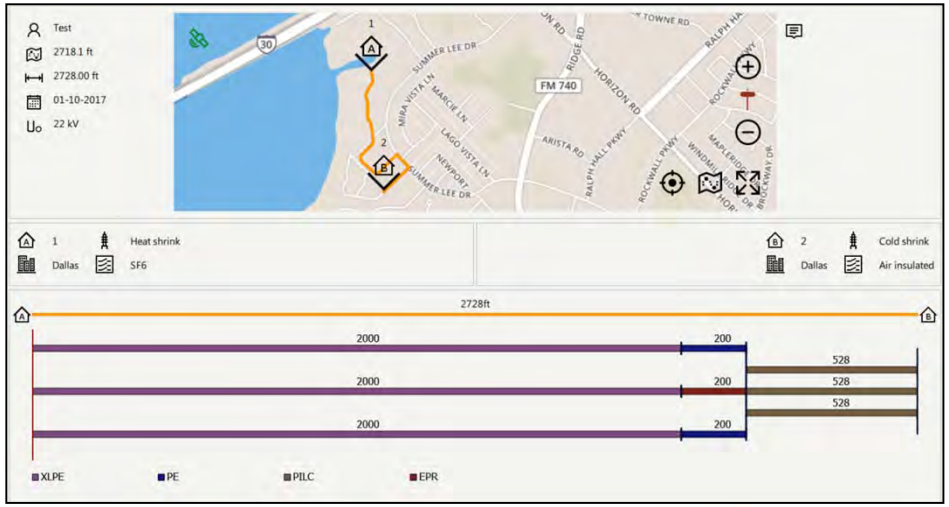
- **MeggerBook Cable - Database Software**

- Online/ Offline Maps (offline Maps available for all Areas)
- Easy way to create a Cable Trace
- Displaying the CTV position
  (GPS Module required)
- Fault Position
  (if Cable Trace is correct)



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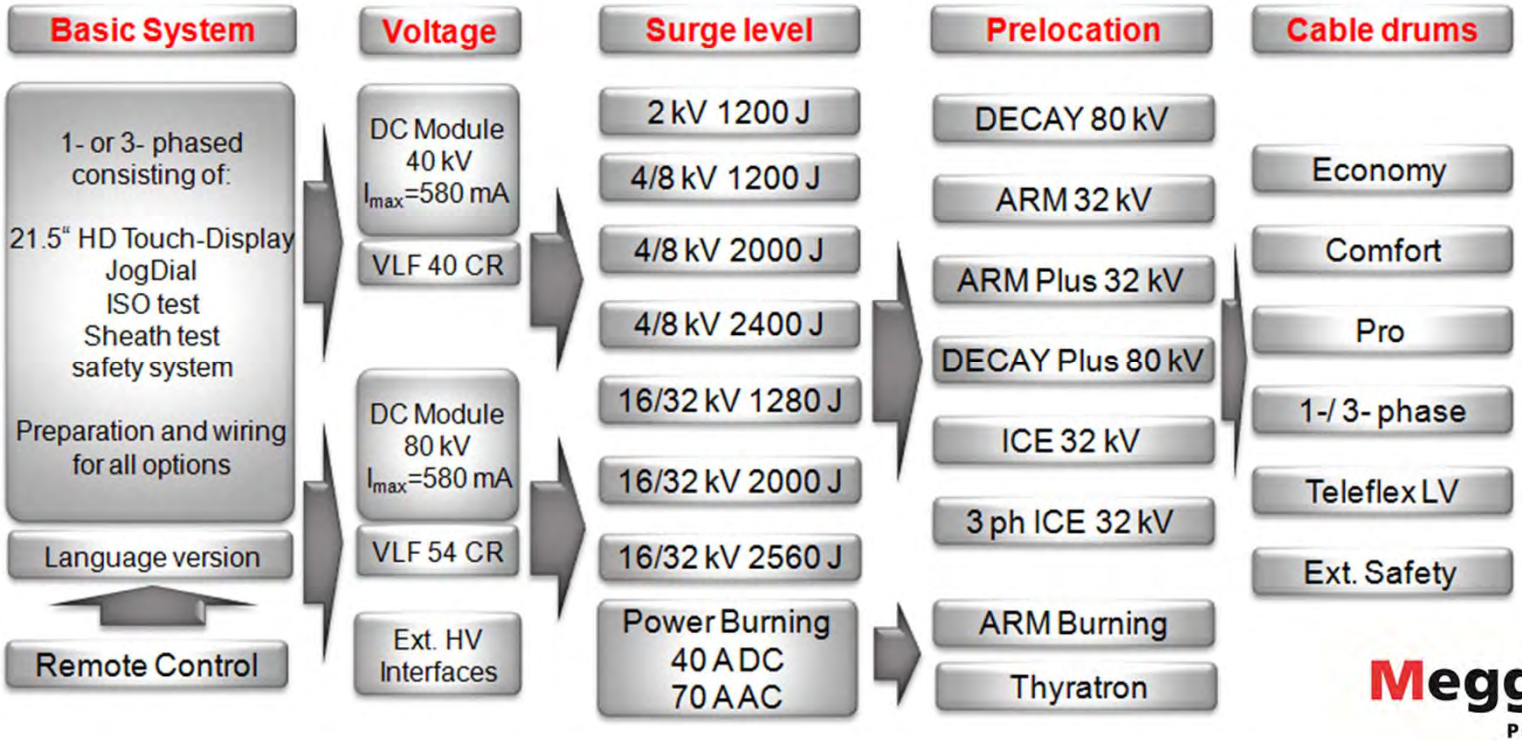
Standard System Options



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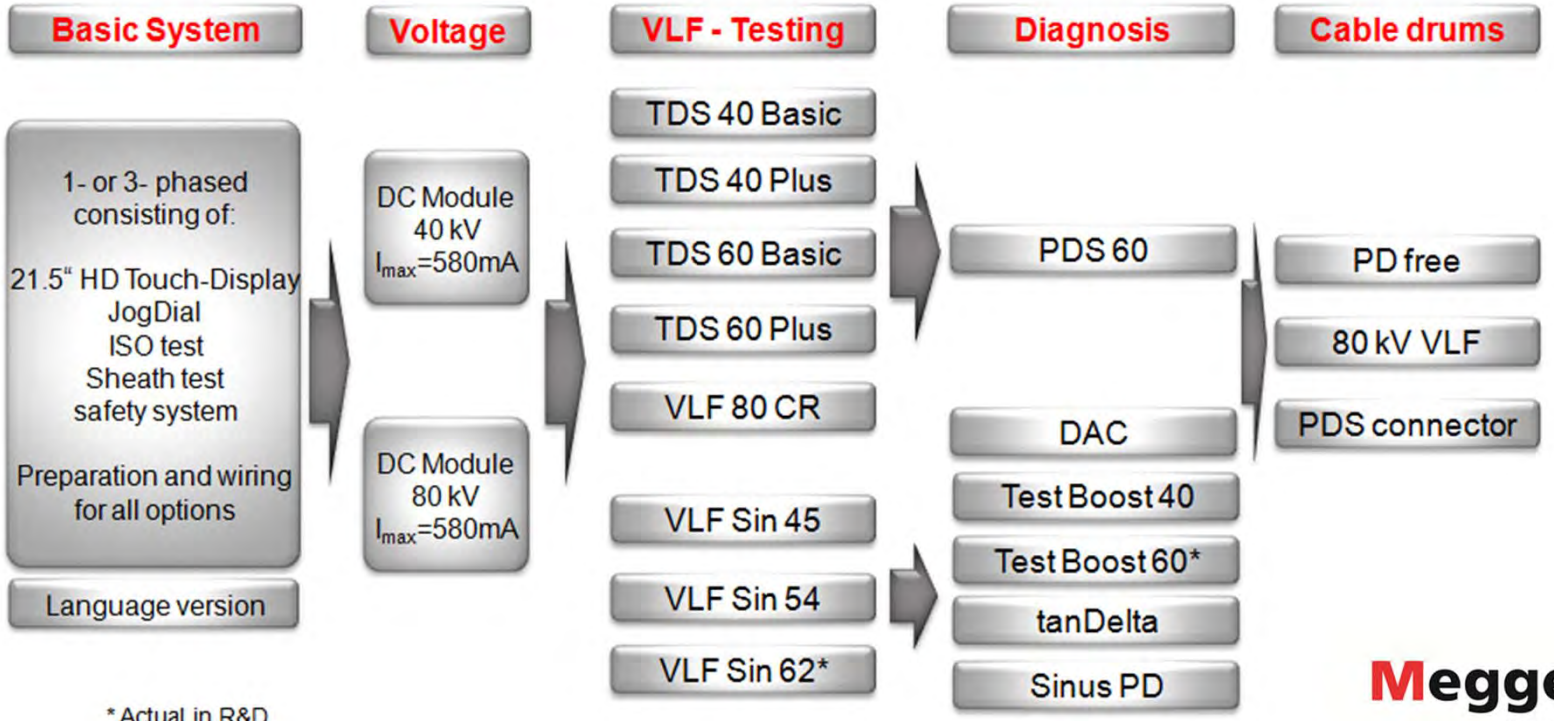
Test & Diagnostic Options



* Actual in R&D

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Combination System

Basic System

1- or 3- phased
consisting of:

21.5“ HD Touch-Display
JogDial
ISO test
Sheath test
safety system

40 or 80 kV

Language version

+

VLF - Testing

+

Diagnosis

tan δ

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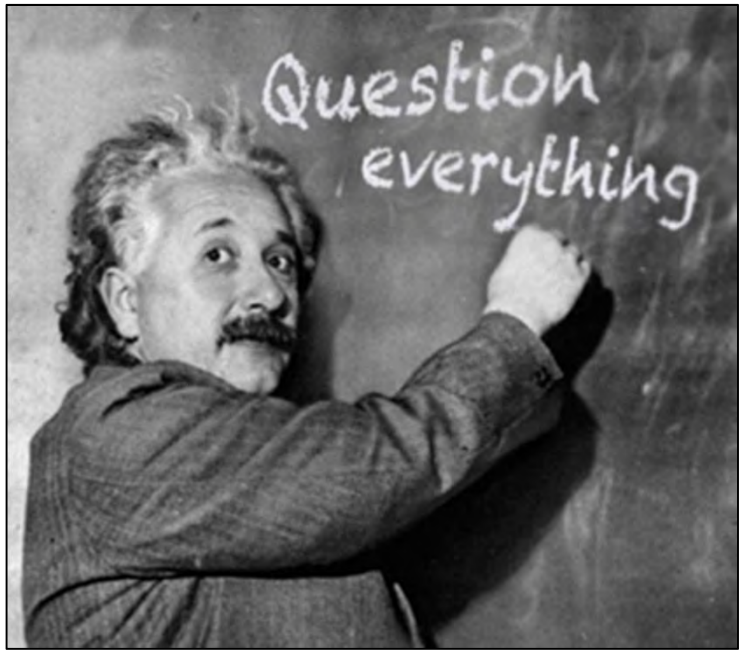
Question Time



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Köszönöm a figyelmet!

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