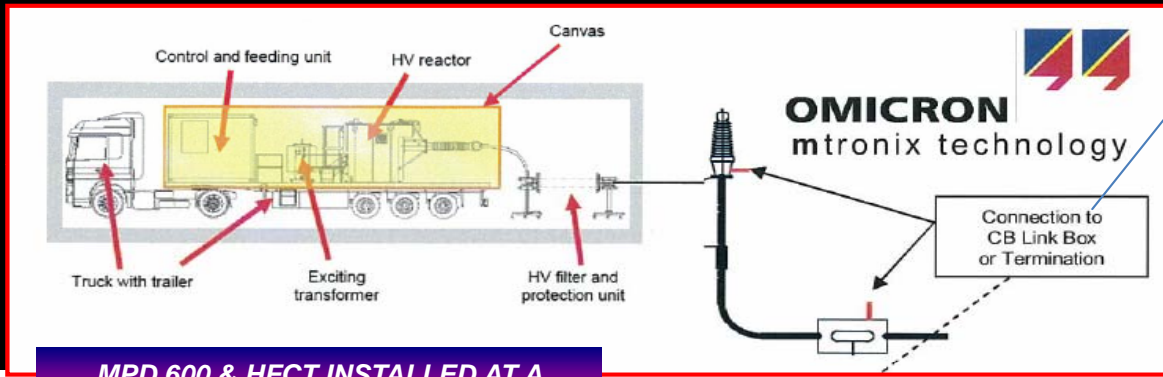


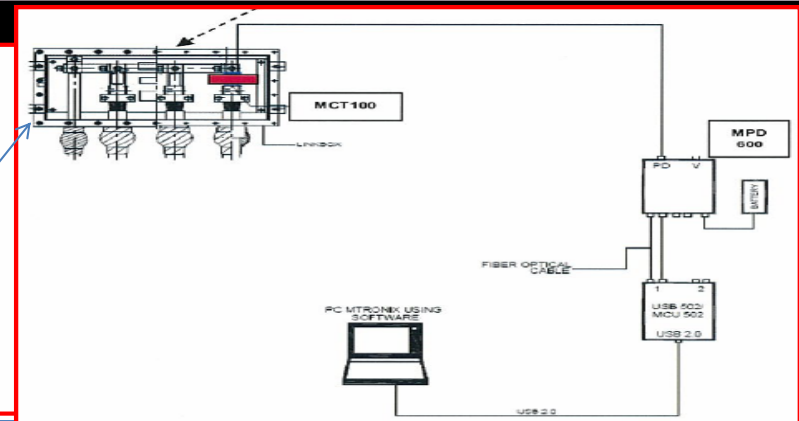
PARTIAL DISCHARGE MEASURING SYSTEM

PRINCIPLE MEASUREMENT CIRCUIT USING HIGH FREQUENCY CURRENT TRANSFORMERS



METS- Middle East Technical Services

Testing & Commissioning Division

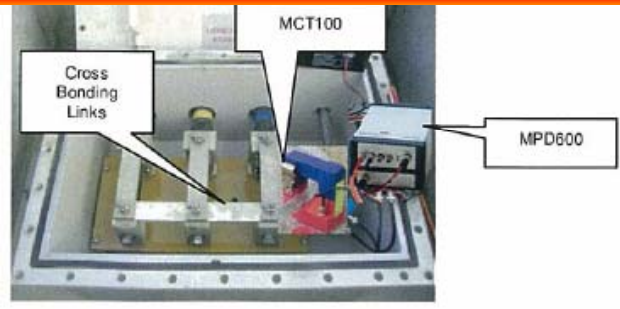


MPD 600 & HFCT INSTALLED AT A TYPICAL CABLE TERMINATION

HIGH END MEASUREMENT AND ANALYSIS SYSTEM FOR PARTIAL DISCHARGE (PD)



MPD 600 & HFCT INSTALLED AT A TYPICAL CABLE INSTALLATION LINK BOX



The user interface is divided into four sections:

- > Large scope view
- > Small scope view
- > Measured quantities display
- > Control panel

The **large scope view** shows (among other things):

- > Sinusoidal, phase-resolved pattern of voltage source
- > Phase resolved histogram in different visualizations
- > 3PARD visualization
- > Gating

Multiple measuring units can be shown in parallel.

The **small scope view** can be configured to show different sets of data:

- > Spectrum of the input signal at the PD input
- > Trend curves for a variety of measurement quantities
- > Replay log

The **measured quantities display** shows the current values for quantities conforming with IEC 60270 such as: charge level, high-voltage, frequency, etc.

The upper display area indicates the detected units and their status.

Control panel: Full control in expert mode

The status bar shows the initialization status of the software by means of 5 indicators

The log area displays status and warning messages in a form easily readable by the user

The progress bar visualizes the progress of the current operation



Middle East Technical Services Est. – METS
 P.O. Box 4323-Riyadh 11491- Tel: (01) 242 4923- Fax: (01) 242 4924
 website: www.mets.com.sa

FOR INQUIRIES PLS . CALL:
 Testing & Comm. Team
 RIC D. CRUZ
 Mob. No. 0502-123827
 email:- rcruz@mets.com.sa