

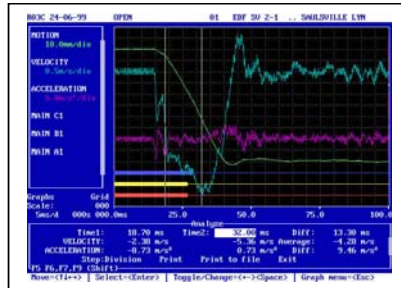
Engineering Consulting

Power Plant Services

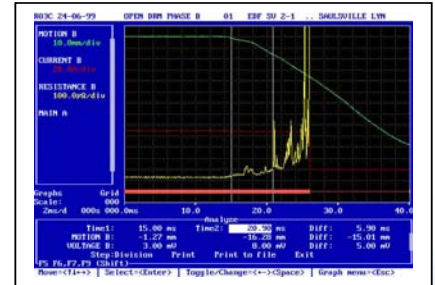
Circuit Breaker Testing



- A Circuit Breaker is the active link in the fault clearance chain.
- During a fault condition, current must be interrupted quickly and reliably.
- This will minimise personal injuries and damage to equipment.
- Circuit Breakers are often subjected to long periods of idleness, during which mechanical parts never move.
- Circuit Breakers must be tested and maintained to ensure operation when the crucial need arises.
- The importance of Circuit Breaker maintenance is often not realised due to long periods of idleness.
- Maintenance is normally neglected due to the costs and downtime involved in traditional maintenance procedures.



Motion Analysis



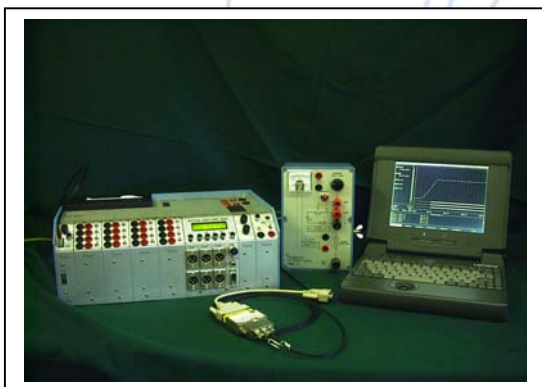
Dynamic Resistance Measurement

Services:

- Motion Analysis
- Damping Measurement Contact Timing
- Dynamic Resistance Measurement (DRM)
- Dynamic Coil Current Measurement
- Minimum Coil Operating Voltage
- Vacuum Bottle Insulation
- Circuit Breaker Maintenance

Condition Based Maintenance:

- Determine the condition of a Circuit Breaker through testing and inspection.
- The results, supplemented with statistical data and cumulative experience, are used to plan maintenance.
- Eliminates needless intervention and expenses in disassembling a healthy circuit breaker for inspection.
- Provides an excellent opportunity to improve reliability and cut costs.



TM1500 Circuit Breaker Motion Analyser



Vidar Vacuum Bottle Tester

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