



M-FINDER

Particle Detector in
Gas Insulated Switchgear
Using Image Processing
(PI 2012 700682)



DESCRIPTION

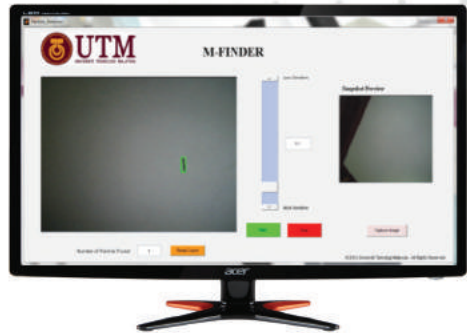
M-Finder is a computer aided which able to detect particle specifically and it's designed for high voltage gas insulated switchgear visual inspection. It has an ability to improve power system quality over the long term by introducing better quality control during the installation process.

Needs

- Particle detector (as small as 1mm particle).
- Real time video display.
- Portable and user friendly.
- Suitable for most high voltage Gas Insulated Substations (GIS).
- Interchangeable scopes and tips.

Application

- M-Finder can be customising according to the client need.
- The interchangeable flexible and articulated bore scope comes with various lengths and diameter.



Benefits

- Reduce human error on quality check due to human fatigue.
- Introduce better quality control during assembling (GIS).
- Produce long lifespan (GIS).
- Reduce Specific Fuel Consumption (SFC) emission occurred during construction of GIS.

Targeted Market

- Gas insulated switchgear manufacturers.
- Power systems contractors.
- Power utilities providers.



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