



Specification:

- Transmitted light
- Incident light
- Leica application suite (LAS or LAS X) for windows 7 64 bit
- Microscope with camera configuration
- Microscope and camera control
- Image acquisition
- Objective magnifications 10X, 20X, 50X and 63X in oil immersion.

Applications:

- Major Maceral identification
- Detailed macerals sub group's identification
- Vitrinite Reflectance (Thermal maturation)
- Transmitted light study for thin sections
- Fluorescence study for organic rich matter.

User Instructions

1. For Maceral identification in coal or shale sample the 1mm size of sample are needed
2. Sample weight should not be less than 15gm for analysis.
3. Sample are processed further for pellet making in automatic Buehler Simplimet 4000
4. The grinding polishing of pellet is done with Buehler Auto Met 250

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