Metallurgical Sample Levelling Press

When viewing flat polished surfaces with an optical microscope, it is important that the image stays in focus as the specimen is traversed across the microscope stage. To achieve this, the polished surface must be made parallel to the glass slide. This specimen levelling press is used to fix standard metallographic mounts or irregular shaped polished samples onto glass slides using Plasticine or a mounting wax.

M465 Metallurgical specimen levelling press

Powder Press and Tablet Punch Die Kit

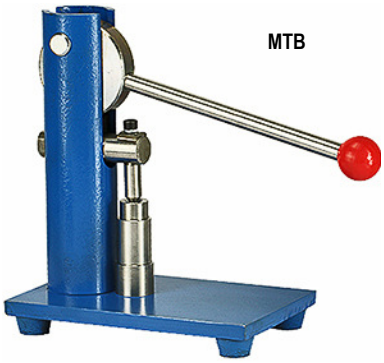
For determining the chemical composition of fine powders with LM/SEM/EDS. Pressing the fine powder into a tablet (if needed with a bonding compound) simplifies handling. By providing a flat surface, the overall analytical results can be improved. It also reduces possible contamination of the SEM with fine powder. If needed the tablet can be coated with a carbon film to provide conductivity. Tablet presses are also used for XRF applications. There are two tablet presses available:

- **MTB** Lever Activated tablet press for 3, 6, 8, 10 and 12mm Ø tablets. Manual lever press with integrated tablet mould, punch and die. Overall size is 185 x 120 x 210mm with a handle length of 195mm. Weight is 4.6kg; made from carbon steel.

- **TPD** tablet punch die kit for 6, 9 and 12mm Ø tablets. **A hammer or separate press is needed to form the tablets**. Consists of 4 pieces. Overall dimensions are 43 Ø x 175mm. Weight is 0.9Kg; made from carbon steel. Simple, low cost and effective.

MTB Lever Activated Integrated (powder) Tablet press (complete with mould of choice)

P565/3 MTB3 powder press for 3mm Ø tablets
P565/6 MTB6 powder press for 6mm Ø tablets
P565/8 MTB8 powder press for 8mm Ø tablets
P565/10 MTB10 powder press for 10mm Ø tablets
P565/12 MTB12 powder press for 12mm Ø tablets



TPB Manual Hammer Powder Punch

P566/6 TPD6 tablet punch kit for 6mm Ø tablets
P566/9 TPD9 tablet punch kit for 9mm Ø tablets
P566/12 TPD12 tablet punch kit for 12mm Ø tablets