



# VICKERS METALETTE

The Metalette is the result of several years of work and planning by our design staff. The problem was to design a microscope from first principles, taking full advantage of modern production techniques and materials and without any preconceived ideas as to how a microscope should look. It was soon clear that the traditional microscope design was unsound in the light of present knowledge in that it was basically unrigid and fundamentally costly in terms of modern production techniques.

The result of our work is an inverted metallurgical microscope which is different in appearance from older instruments but we believe an improvement in every way. The inverted type of instrument is very convenient for most metallurgical work and the Metalette is an advanced instrument of this type.

## COMFORTABLE WORKING POSITION

In older microscopes the usual design allowed the body of the microscope to focus up and down by a rack and pinion mechanism. A great advance in comfort was made when low placed control knobs were introduced so that the hands could rest at table level. The Metalette takes this progression to its logical conclusion. The coarse and fine focusing controls are concentric on a vertical axis on the base of the instrument, and the user sits in the comfortable, relaxed "writing attitude", which makes microscopy far less tiring and leaves the mind fresh and alert for several hours of microscope work. Either hand can be used for the focusing controls.

The controls for the aperture iris diaphragm and the field iris diaphragm may also be operated while the hands are in the comfortable low position.

